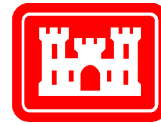


ERDC/CERL SR-03-2

Construction Engineering
Research Laboratory



**US Army Corps
of Engineers®**

Engineer Research and
Development Center

National Training Center–Fort Irwin, California

Tribal Consultations Held on 3-5 September 2002

Tad Britt and Susan E. Perlman

April 2003



Preface

This study was conducted for the U.S. Army National Training Center-Fort Irwin, California, under project 1R00935056, "To Organize, Facilitate, and Moderate a Meeting Between Fort Irwin and the Federally Recognized Native American Groups"; through Military Interdepartmental Purchase Request 2GCERL0019, 29 March 2002. The technical monitor was Mr. William (Mickey) Quillman, Natural and Cultural Resources Manager, NTC-Fort Irwin.

The work was performed by the Land and Heritage Conservation Branch CN-C of the Installations Division (CN), Construction Engineering Research Laboratory (CERL). The CERL Principal Investigator was Mr. J. Tad Britt. Part of this work was done by Ms. Susan E. Perlman, Two Rivers Consultants, Nashville, Tennessee. The technical editor was Gloria J. Wienke, Information Technology Laboratory. Dr. Lucy A. Whalley is Chief, CEERD-CN-C, and Dr. John T. Bandy is Chief, CEERD-CN. The associated Technical Director was Dr. William D. Severinghaus, CEERD-CV-T. The Director of CERL is Dr. Alan W. Moore.

CERL is an element of the U.S. Army Engineer Research and Development Center (ERDC), U.S. Army Corps of Engineers. The Commander and Executive Director of ERDC is COL John Morris III, EN and the Director of ERDC is Dr. James R. Houston.



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1 Introduction

Background

Many federal laws, regulations, and executive orders promulgated since 1990 specifically require consultation with Native American tribes when a federal agency makes decisions concerning historic properties and archeological sites. However, this legislation doesn't specifically define consultation, although the common meaning is to ask advice and share information to make an informed decision. Consultation does not imply mere notification of a pending action; nor is it a method to obtain consent or agreement.

Consultation is founded on the government-to-government relationship between the United States and federally recognized tribes. It provides an invaluable method of obtaining expert advice, ideas, and diverse opinions from Native American constituents regarding control and appropriate treatment of cultural resources.

To meet both the letter and the spirit of the law, the National Training Center-Fort Irwin, California, conducted a consultation meeting as part of the agency's continuing consultation with tribal governments.

Meeting Site

Fort Irwin (Figure 1) is located 37 miles northeast of Barstow, California, and is a U.S. Army installation. At the time of the consultation meeting, Fort Irwin was under the control of the U.S. Army Forces Command, headquartered at Fort McPherson, Georgia. The installation is now under the Southwest Region. The base is the home of the U.S. Army National Training Center (NTC) and also includes the National Aeronautics and Space Administration (NASA) Goldstone Deep Space Tracking Station. The installation covers 642,730 acres (260,113 hectares) in the north-central Mojave Desert encompassing over 1,000 square miles (2590 square kilometers).

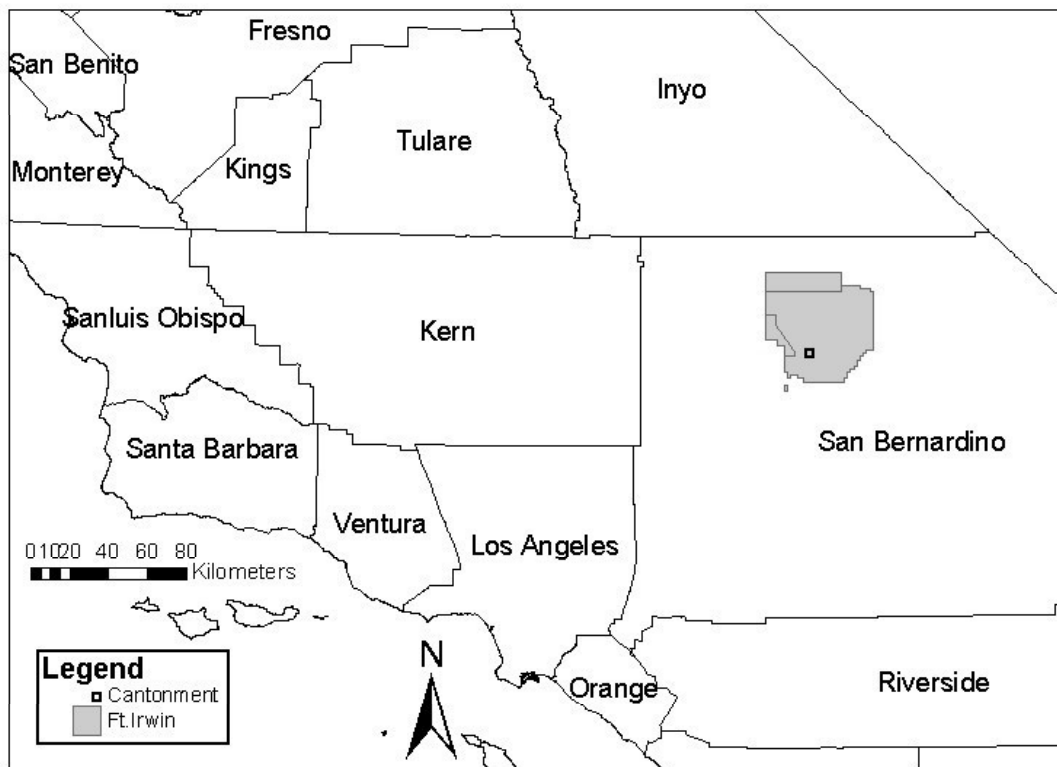


Figure 1. Location of NTC-Fort Irwin.

Objective

The objective of this consultation meeting was to establish an open and constructive dialogue between the U.S. Army and the Native American tribes who have cultural resource interests at NTC-Fort Irwin. This dialogue is conducted on a government-to-government level regarding the military mission of NTC and potential tribal issues with respect to the installation and its Area of Potential Effect (APE).

Approach

From July 2002 to October 2002, Two Rivers Consultants, Nashville, Tennessee, provided the U.S. Army Engineer Research and Development Center-Construction and Engineering Research Laboratory (ERDC-CERL) with logistical support for a Native American Consultation meeting that was to take place at NTC-Fort Irwin. This meeting occurred on 3-5 September 2002 and was hosted by the NTC-Fort Irwin Chief of Staff, Colonel Edward Flinn. The following topics were presented and discussed:

1. NTC-Fort Irwin Standard Operating Procedures (SOPs) for inadvertent discovery, notification of treatment; per the Native American Graves Protection and Repatriation Act (NAGPRA) of 1990.
2. Supplemental Environmental Impact Statement (forthcoming) with respect to the NTC-Fort Irwin proposed 110,000 acres expansion — specifically the cultural resources inventory, evaluation, and management practices.
3. NTC-Fort Irwin cultural resources tools — Archeological Predictive Model and Automated Tool for Monitoring Archeological Sites.
4. The ethnohistoric and ethnographic cultural affiliation study of the mid-Mojave region (i.e., those federally recognized tribes that claim aboriginal, ancestral, or ceded land ties to the geographical area that now constitutes NTC-Fort Irwin and its APE).

The NTC-Fort Irwin Cultural Resources Program (CRP), in conjunction with the NTC-Fort Irwin Department of Public Works (DPW) and ERDC-CERL archeologist, Mr. Tad Britt, developed a schedule and timeline for the meeting:

1. Mailing of Invitations: Deputy Commander and Chief of Staff Colonel Edward L. Flinn sent meeting invitations (Appendix H) to consulting tribes on 24 July 2002. These invitations were in the form of a letter to the tribal chairperson and/or tribal NAGPRA coordinator. A list of these contacts is also in Appendix H. The letter discussed the date and purpose of the meeting, explanation of payment for travel expenses, and travel logistics.
2. Telephone Follow-ups: 1 to 2 weeks after the invitations were sent, follow-up telephone calls were made to the consulting tribes by the contractor, Two Rivers Consultants. During these telephone calls, the contractor asked if a tribal representative would be attending the meeting, asked if there were any additional topics they would like included in the meeting agenda, and answered questions about expense reimbursement, travel logistics, and hotel reservations. The results of the telephone effort are included in Appendix G.

Concurrent with the telephone calling effort, the staff at the NTC-Fort Irwin CRP/PWP and ERDC-CERL made arrangements for the meeting room, meeting equipment, catering, hotel reservations, and stenography.

3. Initiation of Invitational Travel Orders: ERDC-CERL initiated the process of issuing travel orders for up to three people from each tribe. During this phase, lodging, catering, and the field visit to cultural sites were coordinated and confirmed with the installation.
4. Confirmation of Travel Arrangements with Tribes: the contractor continued to contact the tribes and confirm their meeting attendance. The contractor also gathered information needed from tribal representatives to allow them to enter the installation. The tribal representatives were reminded to keep expense records in order to be reimbursed.

The meeting opened with a reception on the evening of 3 September 2002. The intertribal meeting took place on 4 September 2002. The following day, the tribal representatives and other invited guests were shown several Native American rock art sites on the NASA Goldstone Range, located within NTC-Fort Irwin.

Mode of Technology Transfer

This report will be sent to each tribe invited (listed in Appendix H).

This report will be made accessible through the World Wide Web (WWW) at URL:

<http://www.cecer.army.mil>

2 Tribal Consultation Meeting Schedule

3 September 2002

Guests arrived late afternoon and checked in Landmark Inn. A block of rooms had been reserved. Each Tribal representative was responsible for all his or her lodging, meals, and travel expenses. All reasonable travel-related expenses were to be fully reimbursed after the meeting. A welcome package was waiting at the Landmark Inn for each guest.

1800 to 2000 Welcome Session/Ice Breaker at Fort Irwin's Leaders Club

4 September 2002

0900 Began meeting at Leaders Club [see Appendix I for a list of attendees and Appendix J for a transcript of the consultation meeting]

- Welcome—Tad Britt, ERDC-CERL
- Pledge of Allegiance
- Native American Prayer
- Group Introductions

0915 Welcome To NTC-Fort Irwin—COL Edward L. Flinn

- Mission statement and video
- Topics of Discussion:
 1. National Training Center (NTC) Land Expansion
 2. Cultural Affiliation Study
 3. Archaeological Predictive Model (APM)
 4. Land Expansion/NRHP survey/testing, results
 5. NAGPRA Standard Operating procedures (SOPs)
 6. Listening Session

0945 Land Expansion Discussion—Mr. Tim Reischl [See Appendix B]

- NEPA—SEIS
 - Land Expansion Presentation
 - Questions and answer session

1030 BREAK

- 1045 Cultural Affiliation Study—Mr. David Earle [See Appendix C]
- 1115 Archeological Predictive Model (APM)—Mr. Tad Britt [See Appendix D]
- 1145-1300 LUNCH (catered by Reggie's and served in the meeting room)
- 1300 Resume Meeting—Mr. Tad Britt
1. Land Expansion/NRHP survey/testing, results
 2. [Draft] NAGPRA SOPs [See Appendix A]
 3. Listening Session
- 1315 Land Expansion NRHP survey/testing-Mr. Craig Smith [See Appendix E]
Results and Discussion
- 1345 NAGPRA Standard Operating Procedures—Mr. Tad Britt [See Appendix F]
- 1420 Comments—COL Flinn
- 1430 BREAK
- 1445 Native American Listening Session: All Tribes are encouraged to discuss topics of concern
- Sacred Sites
 - Traditional Cultural Properties
 - NAGPRA SOPs, etc.,
 - Consultation efforts
 - Other Cultural Sites/Issues
- 1630 Concluded Meeting for Day

5 September 2002

Cultural Site Visits

- 0830 Met at Lobby of Landmark Inn. Transportation was provided for all to visit the NTC-Fort Irwin Archeological Curation facility for tour. Guests visited several types of Native American cultural sites. Drinks and snacks were provided.
- 1230 Arrived back at the Landmark Inn and concluded meeting. Instructions and assistance of completing Travel Vouchers was provided to ensure prompt reimbursement for any out-of-pocket expenses.

Submission of Draft Report and Documentation of Tribal Contact. Final copies of this report will be sent to all tribes invited and listed in Appendix G.

3 Meeting/Consultation Results

The Native American Consultation Meeting took place at NTC-Fort Irwin, California 3-5 September 2002. Representatives from four tribes attended the meeting. Representatives from NTC-Fort Irwin, ERDC-CERL, and various COE contractors also attended the meetings.

The following summarizes the key points made at the face-to-face meeting between tribal representatives and Fort Irwin representatives.

Key Points From the Fort Irwin Tribal Consultation Meeting 4 September 2002

1. **Army regulations concerning notification of tribes regarding testing of archeological sites:** the consulting tribes request the opportunity to review the methods, testing plan, and archeology report pertaining to any disturbances of archeological sites on base.
2. **Collection of artifacts:** tribal officials commented that artifacts should be left *in situ* instead of being collected and curated, i.e., during inventory.
3. **Native American liaison position:** several recommendations were made during the meeting for the establishment of a liaison position at NTC-Fort Irwin to deal with tribal matters. This would enable the consulting tribes one main contact at the installation and would thus result in less confusion regarding official contacts.
4. The title of the **NAGPRA SOP** should also include "The National Training Center."
5. **The Natural Resource/Cultural Resource** manager's position should be clarified in the NAGPRA SOP document.
6. **Compensation of tribal consultants:** Tribal consultants request compensation not only for their travel but also for their time and expertise. Meeting attendees stressed that the Army should make this a priority consideration. The Army attorney then noted that:

- a. It is difficult for the Army to pay consultants to negotiate (for MOUs, etc.)
 - b. It does make sense for the Army to compensate consultants to consult on specific projects and/or for specific sites; this would be done through a contract between the Army and the tribe.
 - c. Mr. Bari will examine the precedents to this situation and said that the Army will follow these precedents.
7. **Tribal Response:** due to the volume of work within the tribes and the schedule of tribal council meetings, it is difficult for tribal officials to meet a 30-day deadline. One suggestion was for the tribal contacts to notify the Army that the tribe is working on a response but it will take over 30 days. Consultation Agreement between the tribes and the Army could be used to formalize SOPs on certain matters. The agreement between Death Valley National Monument and the Fort Mojave Tribe needs to be examined.
8. NTC-Fort Irwin will comply with **NAGPRA regulations**. Therefore, NTC-Fort Irwin will follow the 50-meter radius guideline for halting work around inadvertent discoveries.
9. **Section 106 consultations:** NTC-Fort Irwin is following the regulations for Section 106 and the Cultural Resources Department at the installation is sending out an informational letter on this situation. The tribal attendees requested that they be copied on all correspondence that the Army sends to the California SHPO.
10. The NTC-Fort Irwin Cultural Resources Program requests that the consulting tribes update them when the **tribal point of contact** changes.
11. Darrell Gundrum will send the consulting tribes the **updated ICRMP**.
12. The **next intertribal meeting** will be in January or February, possibly at the Fort Mojave casino near Laughlin, Nevada. This meeting will get more in depth on specific issues as opposed to a general informational meeting.
13. Send **thank you notes** to the tribal attendees.
14. Send the Colorado River Indians an **NTC-Fort Irwin CRM poster**.
15. Request a copy of the **Yuma Proving Ground MOU**.

Items 11, 13, 14, and 15 have been completed or are in the process of being completed. Item 12, the next intertribal meeting, is presently in the planning stages.

Appendix A: Draft Native American Graves Protection and Repatriation Act, NTC-Fort Irwin Standard Operating Procedures

Inadvertent Discovery of Native American Human Remains and Associated Funerary Objects, Sacred Objects, or Objects of Cultural Patrimony

[Reference: Native American Graves Protection and Repatriation Act 25 U.S.C. Sec. 3002-3013, 43 C.F.R. 10]

INTRODUCTION

Fort Irwin is engaged in a continuing archaeological survey and inventory of the cultural resources within its boundaries. Approximately twenty-eight (28) percent of the installation has been surveyed for prehistoric and historic Native American sites. Therefore, areas may remain on the installation where ground-disturbing activity has the potential for uncovering unreported archaeological deposits, which may contain burials. In accordance with the Native American Graves Protection and Repatriation Act (NAGPRA), such human remains and cultural objects must be identified, if possible, as to lineal descendants or culturally affiliated contemporary tribes, treated in a manner deemed appropriate by the lineal descendants or culturally affiliated tribes, and repatriated to legitimate claimants.

This section outlines procedures to be followed in the event of an inadvertent discovery of Native American human remains, funerary objects, sacred objects, or objects of cultural patrimony and in dealing with the treatment and disposition of Native American human remains and cultural objects.

DEFINITIONS

1. Burial site means “any natural or prepared physical location, whether originally below, on, or above the surface of the earth, into which as a part of the death rite or ceremony of a culture, individual human remains are deposited, and includes rock cairns or pyres which do not fall within the ordinary definition of grave site” [43 C.F.R. 10.2(d)(2)].
2. Cultural affiliation means “that there is a relationship of shared group identity which can reasonably be traced historically or prehistorically between members of a present-day Indian tribe and an identifiable earlier group” [43 C.F.R. 10.2(e)].
3. Funerary objects means “items that, as a part of the death rite or ceremony of a culture, are reasonably believed to have been placed intentionally at the time of death or later with or near individual human remains. Funerary objects must be identified by a preponderance of evidence as having been removed from a specific burial site of an individual affiliated with a particular Indian tribe or as being related to specific individuals or families or to known human remains” [43 C.F.R. 10.2(d)(2)].
4. Sacred objects means “items that are specific ceremonial objects needed by traditional Native American religious leaders for the practice of traditional Native American religions by their present day adherents. While many items, from ancient pottery sherds to arrowheads, might be imbued with sacredness in the eyes of an individual, these regulations are specifically limited to objects that were devoted to a traditional Native American religious ceremony or ritual and which have religious significance or function in the continued observance or renewal of such ceremony” [43 C.F.R. 10.2(d)(3)].
5. Objects of cultural patrimony mean “items having ongoing historical, traditional, or cultural importance central to the Indian tribe rather than property owned by an individual tribal or organization member. These objects are of such central importance that they may not be alienated, appropriated, or conveyed by any individual tribal or organization member. Such objects must have been considered inalienable by the culturally affiliated Indian tribe at the time the object was separated from the group” [43 C.F.R. 10.2(d)(4)].
6. Indian tribe means “any tribe, band, nation, or other organized group or community of Indians which is recognized as eligible for the special programs and services provided by the United States to Indians because of their status as Indians” [43 C.F.R. 10.2(b)(2)].

7. Inadvertent discovery means “the unanticipated encounter or detection of human remains, funerary objects, sacred objects, or objects of cultural patrimony found under or on the surface of Federal or tribal lands pursuant to section 3(d)” of NAGPRA [43 C.F.R. 10.2(g)(4)]. According to this definition, if an object is recovered that is not recognized as defined under NAGPRA when found, but is subsequently identified during laboratory analysis, this qualifies as “detection” and therefore constitutes inadvertent discovery.

8. For the purposes of this section, the term “cultural objects” specifically refers to funerary objects, sacred objects, and objects of cultural patrimony.

POLICY

The intent of NAGPRA is to protect, identify proper ownership, and to ensure the rightful disposition of Native American human remains and cultural objects that are discovered on federal or tribal lands. NAGPRA requires that certain procedures be followed when there is inadvertent discovery of Native American human remains and cultural objects. In the event of a discovery of Native American human remains or cultural objects, the installation commander will ensure compliance with NAGPRA [25 U.S.C. 3001-3013, 43 C.F.R. 10] and any applicable statutory and regulatory requirements of the American Indian Religious Freedom Act [42 U.S.C. 1996-1996a], Archaeological Resources Protection Act [16 U.S.C. 470aa-470ll], National Environmental Policy Act [42 U.S.C. 4321-4370c], and National Historic Preservation Act [16 U.S.C. 470-470w] as well as White House Memorandum, 29 April 1994. Each statute mandates compliance with independent requirements. Compliance with one statutory requirement therefore may not satisfy other applicable requirements.

The installation Cultural Resources Manager will coordinate with the Staff Judge Advocate (SJA), Criminal Investigation Directorate (CID), Provost Marshal's Office (PMO), Operations and Training (G3), Range Control, Master Planning, and Department of Public Works (DPW) to ensure that the Natural and Cultural Resources Manager (1) is included in the planning of training and construction to assess the potential for the discovery of Native American burials and archaeological sites, and (2) is identified as the point-of-contact to be notified immediately if a Native American burial or archaeological site is inadvertently discovered on installation property.

In addition to ground disturbing activities such as training operations, construction, and archaeological excavations, erosion by wind or water may result in the discovery of human remains and cultural objects. If Native American remains

and cultural objects are discovered, any work within a 50-meter radius of the site shall be halted and the Natural and Cultural Resources Manager (380-3740) shall be notified immediately. The site will be protected and stabilized. Any removal of material is prohibited and constitutes a violation of NAGPRA and the Archeological Resources Protection Act (ARPA). The Natural and Cultural Resources Manager, in consultation with qualified professionals as necessary, will initially evaluate the site and report the finding to the installation commander and the potentially culturally affiliated Indian tribes, the State Historic Preservation Officer, and the County Sheriff when appropriate. Any subsequent treatment of the remains and objects or stabilization of the site will be carried out only after consultation with the potentially affiliated tribes.

PROCEDURE

[Reference: NAGPRA 25 U.S.C. 3002, 43 C.F.R. 10]

PRELIMINARY ASSESSMENT, PROTECTION, AND VERIFICATION

1. When notified of the possible inadvertent discovery of buried human remains or cultural objects, the Natural and Cultural Resources Manager or staff archaeologist will arrange to visit the site within twenty-four (24) hours of the discovery, to determine if the remains are (1) associated with a recent crime scene and (2) if not, whether the remains are of Native American descent.
2. If, upon examination, the remains are identified as non-human, the Cultural Resources Manager or staff archaeologist will determine if archaeological contexts are present that need to be evaluated pursuant to Section 106 [36 C.F.R. 800] of the National Historic Preservation Act [16 U.S.C. 470-470w].
3. If, upon examination, the remains appear to be human and associated with a crime scene of 75 years old or less, the Cultural Resources Manager will notify the Provost Marshal's Office (PMO) and the Criminal Investigation Division (CID) on post and the County Sheriff's Department. All activities will cease within the area of the inadvertent discovery. The site will be protected and declared off limits to everyone except authorized personnel. The area of protection should cover no less than a 50-meter radius around the site. The CID will assume custody of the remains and notify the proper authorities.
4. If, upon examination, the remains appear to be human, but are not associated with a crime scene, or if all law enforcement officials contacted have determined that the remains will not be involved in a legal investigation, contact the State

Historic Preservation Officer (SHPO). This procedure applies whether or not the remains are Native American.

5. If after consultation with the SHPO, the remains are determined to be Native American and not associated with a crime, the Natural and Cultural Resources Manager or the staff archaeologist must make a written field evaluation of the circumstances of the discovery, the condition and contents of the burial, including any artifacts, the primary context of the remains and any artifacts, and their antiquity and significance. The human remains and cultural objects will be evaluated *in situ*. Destructive analysis is prohibited. The Natural and Cultural Resources Manager or staff archaeologist may consult with the CID or a qualified physical or forensic anthropologist if necessary. The site will be protected according to standard installation practice for archaeological discoveries. Stabilization or covering may be employed if necessary. Removal of material shall not resume until compliance with these rules regarding resumption of activity is completed.

6. Note that a preliminary assessment of whether NAGPRA applies to a discovery of human remains may take considerable time and coordination with qualified professionals. Therefore, the Cultural Resources Manager should make arrangements with qualified professionals, such as physical or forensic anthropologists, who are willing to aid *in situ* identifications before an inadvertent discovery of human remains occurs.

NOTIFICATION OF THE RESPONSIBLE FEDERAL AGENCY OFFICIAL (INSTALLATION COMMANDER) [43 C.F.R. 10.4]

1. When the Natural and Cultural Resources Manager or staff archaeologist receives notification of an inadvertent discovery of Native American human remains and cultural objects, immediate telephone notification must be provided to the installation commander or his/her official designee. This telephone notification will be followed immediately by written notification that contains the results of the field evaluation and a plan of action to inform the commander of the intended consultation tasks and disposition of the discovered objects.

2. No later than 48 hours after receipt of written confirmation from the Natural and Cultural Resources Manager, the installation commander or his/her official designee will forward to the Natural and Cultural Resources Manager the certification that the Memorandum of Notification has been received.

3. All contracts that require any type of excavation on installation lands will include the requirement to notify the Natural and Cultural Resources Manager or staff archaeologist immediately upon discovery of human remains or cultural objects. Operations and Training (G3), and Range Control will be provided guidance to notify the Natural and Cultural Resources Manager or staff archaeologist immediately upon discovery of human remains or cultural objects.

NOTIFICATION OF NATIVE AMERICANS

1. No later than three (3) working days after receipt of written notification by the installation commander of the discovery of Native American human remains and /or cultural objects, the Natural and Cultural Resources Manager shall notify possible lineal descendants and Indian tribes who may potentially claim custody of remains and cultural objects. Notification shall occur (1) by telephone and (2) by written notification that includes the Memorandum of Notification of the Installation Commander signed by the installation commander and the field evaluation. Telephone notification, the date, time, and person contacted, will be recorded in a phone log and the conversation documented in a Memorandum for Record. Notices will be sent by certified mail to the lineal descendant or official NAGPRA contact person designated by the tribe. If the official NAGPRA contact person is the tribal chairperson, the letter will be sent to him/her via certified mail and a copy furnished to the NAGPRA coordinator. Follow-up phone calls will be made to the lineal descendants or NAGPRA coordinators of the Indian tribes contacted to determine if written notification of the discovery was received by the appropriate person and to ascertain how the tribe wishes to proceed in determining cultural affiliation, treatment, and disposition of the human remains or cultural objects.

2. Decisions on which tribes to notify will be based on priority of ownership described in 25 U.S.C. 3002 and 43 C.F.R. 10.6 and the List of Tribal Contacts.

3. Priority of ownership or control of Native American human remains and cultural objects is briefly: [For details, see 25 U.S.C. 3002(a), 43 C.F.R. 10.6]

- 1). Lineal descendants, as determined pursuant to 43 C.F.R. 10.14(b)
- 2). Indian tribe holding tribal lands as defined in 43 C.F.R. 10.2(f)(2)
- 3). Culturally affiliated Indian tribe as defined in 43 C.F.R. 10.14

- 4). Indian tribe recognized as the aboriginal owners of the land by a final judgment of the Indian Claims Commission or the United States Court of Claims
 - 5). Indian tribe with the strongest demonstrated cultural relationship
 - 6). Unclaimed
4. The List of Tribal Contacts will be kept by the Natural and Cultural Resources Manager and will be verified and/or updated annually in coordination with tribal election schedules.

IDENTIFICATION OF NATIVE AMERICAN HUMAN REMAINS

1. Identification of Native American human remains and cultural objects will be made *in situ* unless they have already eroded from their original location or have been removed from their original resting place by accident or as a result of looting. If an *in situ* identification of the remains cannot be made, the potential culturally affiliated tribes will be consulted pursuant to 43 C.F.R. 10.3(b) and further identification procedures will be discussed.
2. If necessary, the Fort Irwin Natural and Cultural Resources Manager will coordinate the identification of Native American human remains and cultural objects with qualified archaeologists, forensic or physical anthropologists, or cultural anthropologists who will record their recommendations and all data necessary to make the identification, including any additional information that can contribute to the determination of lineal descendants or cultural affiliation. The Fort Irwin Natural and Cultural Resources Manager or staff archaeologist may use recommendations of experts along with any additional comparative physical anthropological data and archaeological, ethnographic, and historical information to determine lineal descendants or Indian tribes that have the closest affiliation according to priority of ownership as defined in 25 U.S.C. 3002(a) and 43 C.F.R. 10.6.
3. Cultural affiliation is determined by a preponderance of evidence based on geographical, kinship, biological, archaeological, anthropological, linguistic, folkloric, oral tradition, historical, or other relevant information or expert opinion [25 U.S.C. 3005(a)(4), 43 C.F.R. 10.14(e) and (f)]. Criteria for determining cultural affiliation are listed in 43 C.F.R. 10.14(c). Regulations caution that a finding of cultural affiliation based on a preponderance of evidence should take into consideration “the totality of the circumstances and evidence pertaining to the

connection between the claimant and the material being claimed and should not be precluded solely because of some gaps in the record" [43 C.F.R. 10.14(d)]. Cultural affiliation does not have to be established by the claimants with scientific certainty [43 C.F.R. 10.14(f)].

4. Determine lineal descendants or affiliated Indian tribes in consultation with potential lineal descendants or affiliated Indian tribes. The tribes may have additional information to contribute to the identification of lineal descendants or cultural affiliation. Representatives of tribes may decide to visit the site to verify the identification. A list of all Indian tribes consulted regarding the particular human remains and cultural items will also be provided to each consulting tribe.

5. Consultation must result in a written plan of action in accordance with 43 C.F.R. 10.5(e)] or Comprehensive Agreement (CA) in accordance with 43 C.F.R. 10.5(f) between the appropriate tribes and the installation commander or his/her designee. Development, review, and signature of the CA follow Army protocol specified in AR 200-4. The Fort Irwin Natural and Cultural Resources Manager, acting on behalf of the installation commander, may prepare the written plan of action or CA. The installation commander approves and signs all NAGPRA documents. Copies of the written plan of action are provided to the consulting lineal descendants and Indian tribes. Parties covered in a CA must agree to be signatories.

6. Information to be gained during the consultation that should be included in the written plan of action or CA:

- a. Kinds of material to be considered as cultural objects as defined in Standard Operating Procedure #1 and 43 C.F.R. 10.2(d);
- b. Specific information used to determine custody pursuant to 43 C.F. R. 10.6;
- c. Treatment, care, and handling of human remains and cultural objects;
- d. Archaeological recording of the human remains and cultural objects;
- e. Kinds of analysis for identification of human remains and cultural objects;
- f. Steps to be followed to contact Indian Tribe officials at the time of an inadvertent discovery of human remains or cultural objects;
- g. Kind of traditional treatment to be afforded the human remains or cultural objects;
- h. Nature of the reports to be prepared; and

- i. Disposition of human remains and cultural objects in accordance with 43 C.F.R. 10.6.

TREATMENT AND DISPOSITION

1. The treatment and disposition of any Native American human remains and cultural objects recovered inadvertently from Fort Irwin lands shall be determined in consultation with lineal descendants or Indian tribes that can demonstrate priority of ownership as outlined in NAGPRA.
2. A tribe that wishes to make a claim of ownership of human remains or cultural objects must be able to demonstrate an affiliation by a preponderance of evidence according to the criteria for the priority of custody specified in 25 U.S.C. 3002 and 43 C.F.R. 10.6. Guidelines for determining the preponderance of evidence are found in 43 C.F.R. 10.14.
3. If a single, legitimate claimant cannot be identified, continue consultation with the previously consulted tribes to consider possible alternatives for affiliation, treatment, and disposition. Notify Forces Command (FORSCOM) regarding the details of the case. Fort Irwin must retain the material in a safe and secure manner agreeable to the consulting parties as required by 43 C.F.R. 10.6(c) and 10.15 until a plan for the treatment and disposition of the Native American human remains and cultural objects pursuant to 43 C.F.R. 10 can be specified.
4. If no agreement can be reached, refer to dispute resolution below.
5. For inadvertent discoveries of Native American human remains and cultural objects, endeavor to specify treatment within thirty (30) days after the certification of notification has been issued.
6. If it is determined by the consulting parties that the *in situ* restoration of a burial site is not feasible, the contents of the burial shall, upon the identification of the lineal descendants or cultural affiliation, be repatriated to the lineal descendants or appropriate tribe/s, if a legitimate claim is made. Procedures for repatriation will be made in consultation with the appropriate descendants and/or tribe/s pursuant to 43 C.F.R. 10.6.
7. Each restoration and re-interment shall require that Fort Irwin provide an opportunity for appropriate tribal religious ceremony or ceremonies pursuant to the American Indian Religious Freedom Act (AIRFA) [42 U.S.C. 1996-1996a] and Executive Order 13007.

8. Following 43 C.F.R. 10.6(c), prior to the disposition of human remains and cultural objects, the installation commander or his/her official designee must publish notices of the proposed disposition in a newspaper of general circulation in the area in which the human remains and cultural objects were discovered and in which the lineal descendants or affiliated Indian tribe/s currently reside.

a. The notice must provide information as to the nature and affiliation of the human remains, funerary objects, sacred objects, or objects of cultural patrimony and solicit further claims to custody. The consulting tribes may review the content of the notice before its publication. Privileged information should not be included in the notice.

b. The notices must be published twice at least a week apart. A copy of the notice and information on when and in what newspaper/s the notice was published must be sent to the Departmental Consulting Archaeologist, Archaeological Assistance Division, and the National Park Service.

c. The return of human remains and cultural objects must not take place until at least thirty days after the publication of the second notice to allow time for any additional claimants to come forward. If additional claimants do come forward and the installation commander or his/her designee cannot clearly determine which claimant is entitled to custody, the federal agency must not transfer custody of the human remains and cultural objects until the proper recipient is determined pursuant to 43 C.F.R. 10.

9. If a claim is made for human remains and cultural objects, all of the tribes that were involved in the consultations regarding their disposition will be notified.

10. Unclaimed Native American human remains and cultural objects shall be returned in accordance with the regulations developed by the NAGPRA Review Committee.

TIME CONFLICTS

On those rare occasions when Fort Irwin or the tribe(s) is unable to meet its commitments pertaining to time schedules for any activity specified herein, the party that is unable to meet the schedule will notify the other party as soon as physically possible to reschedule the activities to the mutual satisfaction of both parties. Emergency actions will be coordinated by telephone or FAX.

DISPUTE RESOLUTION

1. All disputes regarding the cultural affiliation of discovered human remains and/or cultural objects shall be resolved in accordance with Sections 3 and 7(e) of NAGPRA and the implementing regulations 43 C.F.R. 10.
2. Fort Irwin shall follow the procedures set forth in this document regarding consultation with the interested tribes. Should any interested tribe make a conflicting claim of cultural affiliation or dispute the methods of treatment or disposition of human remains and/or cultural objects as delineated herein, the installation commander shall notify FORSCOM.
3. Fort Irwin will continue consultation with the disputing parties, suggest that the disputing parties seek resolution among themselves, and, if the disputing parties concur, go before the NAGPRA Review Committee which is given the authority under 25 U.S.C 3006(c)(4) and 43 C.F.R. 10.16 and 10.17 to make recommendations on the resolution of disputes.
4. If, upon receipt of the recommendations of the Review Committee, the most appropriate claimant still cannot be determined, Fort Irwin shall retain the disputed remains or cultural objects until the question of custody is resolved, as stated in 43 C.F.R. 10.15(a)(2).

ADDITIONAL PARTIES

1. Interested tribes claiming lineal descent or cultural affiliation may join these procedures at any time should they express a desire to do so.
2. However, in accordance with 43 C.F.R. 10.15 (a)(1), if an interested party fails to make a written claim prior to the time human remains and cultural objects are duly repatriated or disposed of to a claimant in accordance with 43 C.F.R. 10, the interested party is deemed to have irrevocably waived any right to claim such items pursuant to these regulations.

RESUMPTION OF ACTIVITY

1. 43 C.F.R. 10.4(d)(2) specifies:
 - a. The activity that resulted in the inadvertent discovery of Native American human remains or cultural objects may resume thirty (30) days

after certification by the installation commander of the receipt of the notification sent by the Cultural Resources Manager, if otherwise lawful. Any impacts to the site must be evaluated pursuant to Section 106 [36 C.F.R. 800] of the National Historic Preservation Act [16 U.S.C. 470-470w]. Environment consideration under the National Environmental Policy Act (NEPA) may be required prior to continuing the activity. This may be a supplement to the NEPA analysis which was done prior to initiating the activity, and should consider the effect of the activity on the “find” in question, as well as the effect, if any, on any other “finds” in the vicinity. Removal or excavation of Native American human remains and cultural objects must also be carried out in accordance with 43 C.F.R. 10.3.

b. Or, activity may resume if the treatment is documented in a written binding agreement between the installation and the affiliated Indian tribes that follows 43 C.F.R. 10.3 and 43 C.F.R. 10.6.

c. In no event may activity resume until the SHPO or, if involved, local law enforcement officials approve.

REFERENCES

FEDERAL STATUTES

1. American Indian Religious Freedom Act of 1978, as amended, 42 U.S.C. 1996-1996a
2. Archaeological Resources Protection Act of 1979, 16 U.S.C. 470aa-470ll
3. Native American Graves Protection and Repatriation Act of 1990, 25 U.S.C. 3001-3013
4. National Environmental Policy Act of 1969, as amended, 42 U.S.C. 4321-4370c
5. National Historic Preservation Act of 1966, as amended, 16 U.S.C. 470-470w

FEDERAL REGULATIONS

1. 32 C.F.R. 229, Protection of Archaeological Resources
2. 36 C.F.R. 60, National Register of Historic Places
3. 36 C.F.R. 63, Determinations of Eligibility for Inclusion in the National Register of Historic Places

4. 36 C.F.R. 78, Waiver of Federal Agency Responsibility under Section 110 of the National Historic Preservation Act
5. 36 C.F.R. 800, Protection of Historic Properties
6. 40 C.F.R. 1500-1508, Regulations Implementing the National Environmental Policy Act
7. 43 C.F.R. 7, Protection of Archaeological Resources
8. 43 C.F.R. 10, Native American Graves Protection and Repatriation Act Regulations

EXECUTIVE ORDERS

1. E.O. 11593, Protection and Enhancement of the Cultural Environment
2. E.O. 13007, Indian Sacred Sites
3. E.O. 13084, Consultation and Coordination with Indian Tribal Governments

PRESIDENTIAL MEMORANDA

1. White House Memorandum, Government-to-Government Relations with Native American Tribal Governments, April 29, 1994

Appendix B: NTC Land Expansion Presentation

By Tim Reischl, Charis Corporation



Agenda

- Introduction and Briefing
 - Land Expansion Purpose and Need
 - Congressional Actions
 - Timelines
 - Ongoing Actions
- Questions and Discussion

Fort Irwin Land Expansion

NTC Training

- **Provide the toughest, most realistic combat training possible for Army brigades (5,000 soldiers) and battalions (5-800 soldiers).**
 - Use actual distances for weapons and units.
 - Constant training 24/7, disregard weather and time.
 - Train using force-on-force and live fire training.
 - Train any type of brigade (heavy, light, SBCT)
 - Incorporate training simulations where applicable.
- **Prepare units, soldiers and leaders and give them realistic leadership and operational experience.**
- **Ten training rotations per year. Each lasts 28-35 days.**

Fort Irwin Land Expansion

Modernizing NTC Training



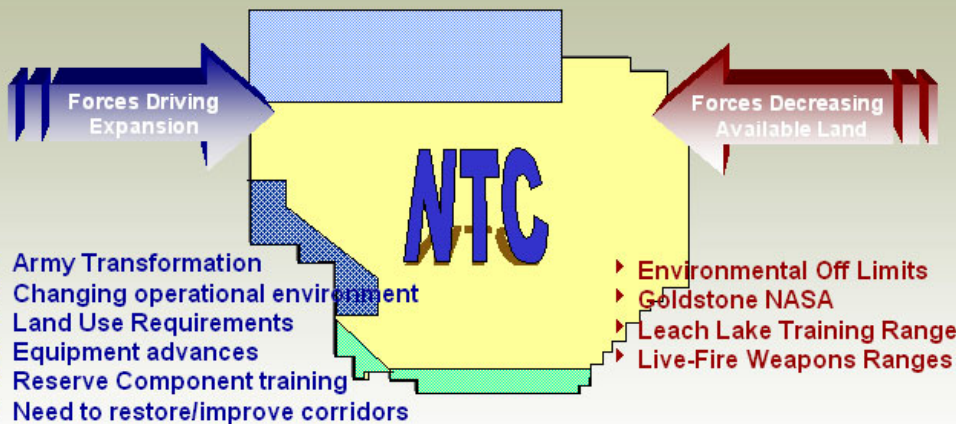
Transforming NTC

Seven NTC modernization programs are designed to support NTC training for Army Transformation.

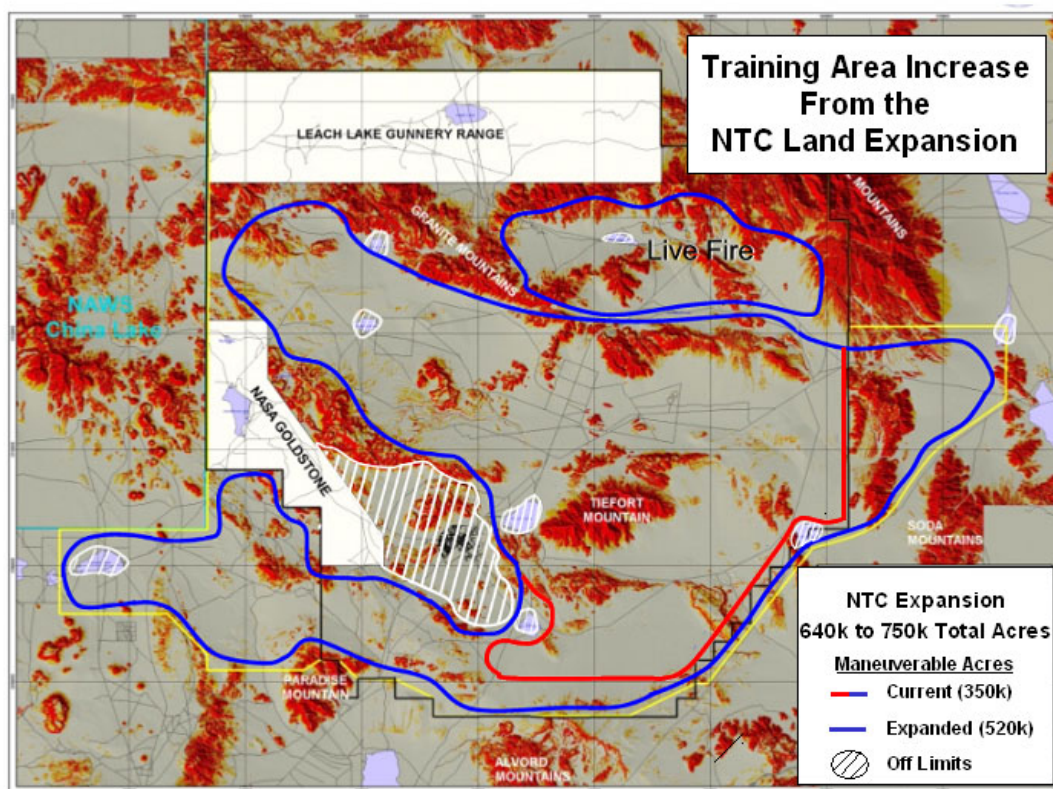
- Operations Group
- OPFOR
- Facilities and Support
- NTC Aviation
- Urban Operations
- **Land Expansion**
- Instrumentation

Purpose and Need for Expansion

Training land requirements overmatch the available land assets



NTC is a unique national resource. The Army's only training area capable of live training for a full brigade



Congressional Action

- Since 1986, four unsuccessful plans to expand NTC
- DA and DOI develop expansion option in Oct 2000
 - Joint effort between the two agencies
- Legislation signed in Dec 01 requiring a proposed plan for meeting NTC land expansion requirements.
 - Must comply with all NEPA / ESA provisions
 - \$75M authorized for mitigation and compensation
- The bill directed DA/DOI to formulate a plan to expand NTC with the following deadlines:
 - 120 days to formulate a plan -- completed
 - 30 Months to complete NEPA Actions (20 Jun 03)

Fort Irwin Land Expansion

Congressional Action (cont'd)

- Proposed Expansion Plan with draft legislation was completed on 5 July 2001.
- The legislation that actually withdraws the public land was signed by the President on 11 Jan 2002.
 - FY2002 Defense Appropriations Bill.
 - Withdrawal is a “placeholder” that reserves the land pending NEPA actions.
 - Fort Irwin now manages the withdrawn lands. No training activities are being conducted.
 - Private lands will be acquired after NEPA as available.

Fort Irwin Land Expansion

Ongoing Actions

- A Supplemental EIS is used to complete the work started in 1997 Draft EIS. Army is lead agency.
- Threatened/Endangered Species considered:
 - Desert Tortoise
 - Lane Mountain Milkvetch
 - Mohave Ground Squirrel
- Ongoing Studies/Consultations:
 - Air Quality/Conformity
 - Noise
 - Native American
 - Cultural Resources
 - Ground Water
 - Real Estate
 - Hazardous Materials
 - Airspace

Ongoing Actions

- Other Considerations:
 - Recreation / ORV
 - Mining
 - Power corridor
 - Private land
- Cooperating Agencies:
 - Bureau of Land Management
 - USAF
 - Nellis AFB and Edwards AFB
 - USN
 - China Lake Naval Air Weapons Center
 - NASA
 - Goldstone Deep Space Tracking Facility
 - Federal Aviation Administration

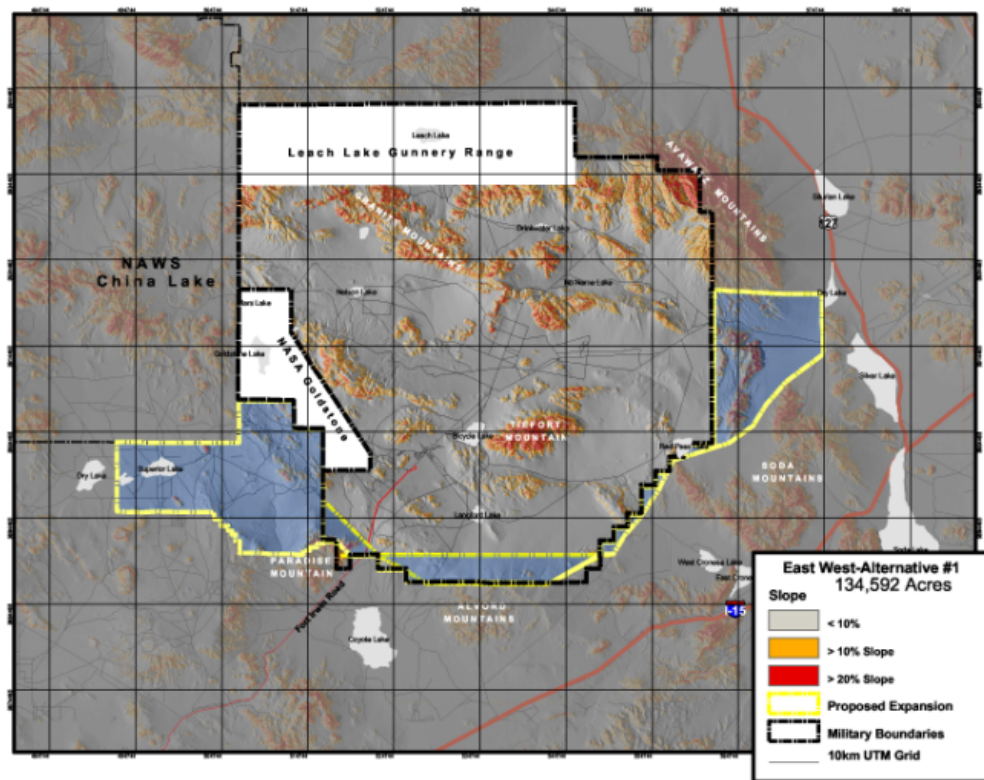
Timelines

- **NOW** – Studies, research, BA development, etc
- **Nov 01- Jan 02** – Scoping meetings
- **Jan 02** – Legislation enacted
- **Nov 02** – Draft BA complete
- **Nov 02 - Apr 03** – Section 7 Consultation with FWS
- **Jan 03** – Supplemental Draft EIS
- **Feb - Apr 03** – Public hearings
- **Jun 03** – Final EIS complete
- **Jul 03** – Record of Decision
- **AFTER** – Complete mitigation, land acquisition
- **Jul 06 - 07** – Training in expanded NTC training area

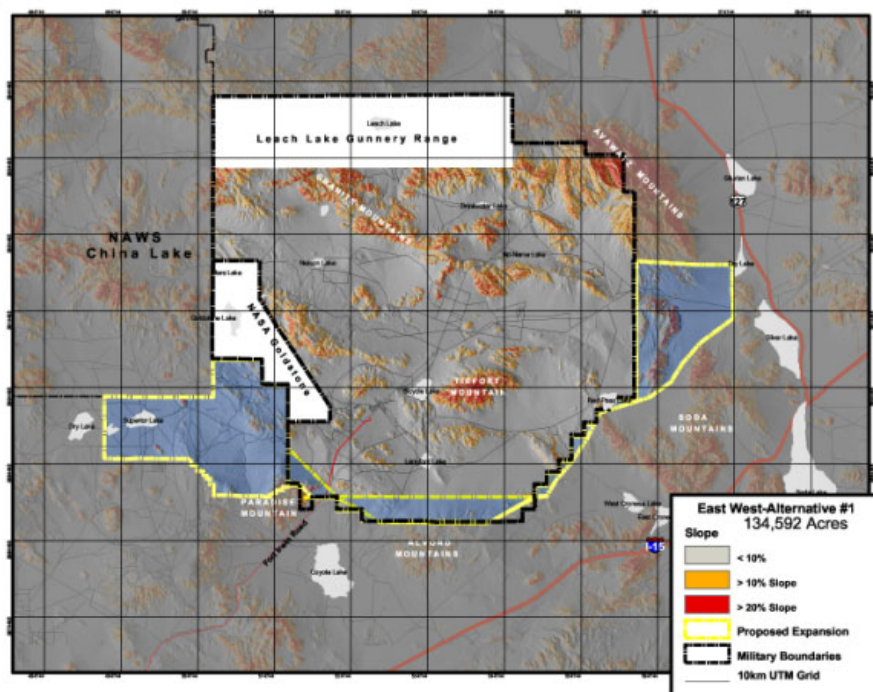
Working Issues



- Completing NEPA / ESA requirements.
- Mitigation plan accounting for:
 - Desert Tortoise—Threatened
 - Lane Mountain Milkvetch—Endangered
- Working with COE to acquire mitigation and private lands in expansion area.
 - Timeliness and direction of effort
- Concern from environmental groups.
- Funding: \$141.5M required; \$19M O/H, \$14.5M programmed for FY05.
 - No other funds programmed.
- Integration with NTC modernization.



Question Period



Appendix C: Cultural Affiliation Study Presentation

By David Earle, Earle and Associates

DAVID EARLE PRESENTATION MADE AT FT. IRWIN, NTC—NATIVE
AMERICAN TRIBES MEETING ON INSTALLATION EXPANSION
CULTURAL RESOURCES

04 SEPTEMBER 2002

CULTURAL AFFILIATION RESEARCH PROJECT FOR FT. IRWIN AND
SURROUNDING REGION

A. GOALS OF THE PROJECT:

- (1) COLLECT AND ANALYZE ETHNOHISTORICAL AND
ETHNOGRAPHIC INFORMATION IN ORDER TO DOCUMENT
THE FOLLOWING:
 - (A) THE OCCUPATION, SETTLEMENT, OR USE OF THE FT.
IRWIN REGION BY NATIVE GROUPS, PARTICULARLY
AFTER 1750
 - (B) NATIVE ECONOMIC USE OF THE FORT IRWIN REGION,
INCLUDING NATURAL RESOURCES BEING USED
 - (C) SOCIAL ORGANIZATION AND RELIGIOUS PRACTICES OF
GROUPS USING THE INSTALLATION AREA
- (2) IDENTIFY TRADITIONAL CULTURAL PROPERTIES AT FT.
IRWIN:

DEFINITION: ARCHAEOLOGICAL SITES, PLACES,
STRUCTURES, AREAS, SACRED SITES, ETC. THAT HAVE
TRADITIONALLY BEEN RECOGNIZED BY AN EXISTING
CULTURAL GROUP OR COMMUNITY AS BEING OF
CULTURAL SIGNIFICANCE TO THEM, THUS BECOME
ELIGIBLE FOR LISTING IN *THE NATIONAL REGISTER OF
HISTORIC PLACES*. [Editor's Note: Any property must also
meet one of the four criteria of eligibility.]

(3) IDENTIFY NATURAL RESOURCES OF TRADITIONAL IMPORTANCE TO NATIVE COMMUNITIES:

EXAMPLES:

- (A) BASKETRY AND OTHER PLANT MATERIALS FOR CRAFTS
- (B) EDIBLE WILD PLANT FOODS
- (C) STONE SOURCES AND OTHER TRADITIONAL CRAFT MATERIALS

(4) IDENTIFY OTHER CULTURAL RESOURCES:

- (A) CAMP OR VILLAGE SITES
- (B) PLACES IDENTIFIED AS SACRED SITES IN ARCHIVAL DOCUMENTATION

B METHODS USED IN THE PROJECT—COLLECTION OF INFORMATION:

(1) HISTORICAL DOCUMENTATION FROM THE 18TH AND 19TH CENTURIES PROVIDING INFORMATION ON THE FORT IRWIN REGION

- (A) SPANISH AND MEXICAN EXPLORATION
- (B) TRAVELERS' ACCOUNTS—OLD SPANISH TRAIL AND MINING CAMPS
- (C) MILITARY DOCUMENTS—AFTER 1850
- (D) OTHER OFFICIAL REPORTS RELATING TO NATIVE GROUPS
- (E) MINING RELATED DOCUMENTATION
- (F) CENSUS REPORTS
- (G) NEWSPAPERS

(2) PAST COMMENTARY BY NATIVE ELDERS ABOUT TRADITIONAL WAYS OF LIFE IN THE MOJAVE DESERT AND FT. IRWIN REGION

- (A) JOHN WESLEY POWELL—SOUTHERN PAIUTE & CHEMEHUEVI

- (B) KROEBER—MOJAVE
- (C) HARRINGTON—MOJAVE, CHEMEHUEVI
- (D) CAROBETH LAIRD—CHEMEHUEVI
- (E) ISABEL KELLY—CHEMEHUEVI, SOUTHERN PAIUTE
- (F) JULIAN STEWARD—SOUTHERN PAIUTE, PANAMINT SHOSHONI
- (G) MAURICE ZIGMOND—KAWAIISU / NUWIWI
- (H) STEPHEN CAPPANARI—KAWAIISU / NUWIWI, WESTERN SHOSHONI

(3) CONTEMPORARY NATIVE COMMENTARY ABOUT PLACES AND RESOURCES OF CULTURAL SIGNIFICANCE

- (A) TRADITIONAL CULTURAL PROPERTIES
- (B) OTHER CULTURAL RESOURCES

NATIVE ASSOCIATION WITH THE REGION AT THE TIME OF GARCES—1770S

- MOJAVES
- CHEMEHUEVIS/ SOUTHERN PAIUTE
- KAWAIISU
- SERRANO
- SHOSHONI

DEVELOPMENTS IN THE EARLY NINETEENTH CENTURY:

- COASTAL MISSIONIZATION AND DESERT GROUPS
- RESISTANCE TO SPANISH AND MEXICAN RULE
- THE OLD SPANISH TRAIL
- GROUP MIGRATIONS

THE ERA OF AMERICAN RULE:

- CONFLICT WITH THE AMERICANS IN THE MOJAVE DESERT
- MOVEMENT AND MIGRATIONS OF GROUPS
- MAINTAINING THE TRADITIONAL WAY OF LIFE IN THE LATE 19TH CENTURY

-FEDERAL RECOGNITION

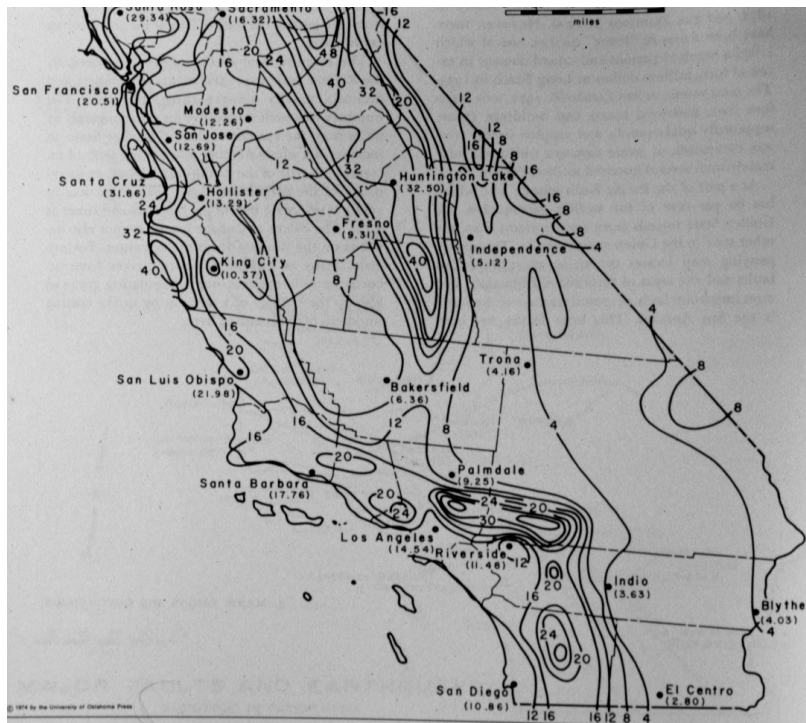
AFTER 1900:

- ISSUES OF FEDERAL RECOGNITION AND SOVEREIGNTY
- THE INCREASED VALUING OF NATIVE HERITAGE
- DEVELOPING COMMUNITY HISTORIES BY WORKING WITH NATIVE ELDERS
- INFORMATION ABOUT WHO LIVED WHERE—"PLACE NAMES"
- THE IMPORTANCE OF SACRED PLACES—RECORDED IN SONGS AND STORIES
- THE IMPORTANCE OF SACRED PLACES—JOURNEYING AROUND THE DESERT

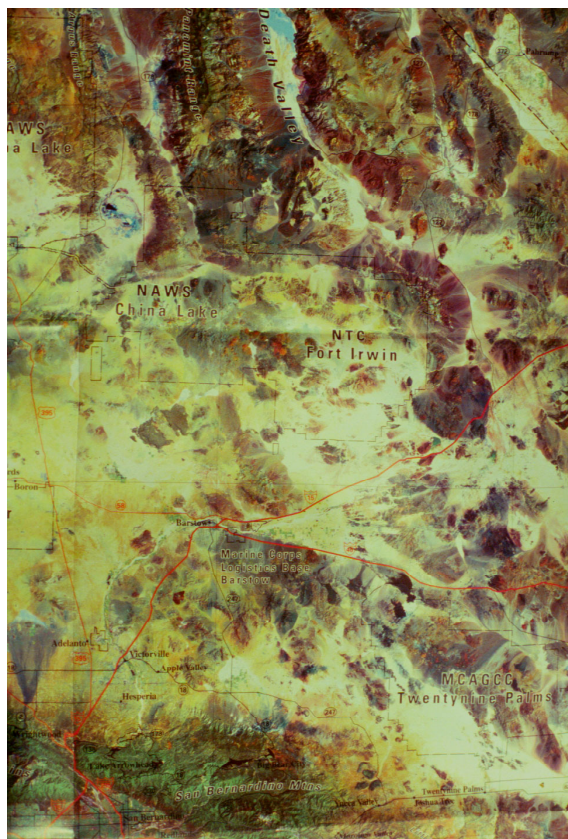
Transparencies:



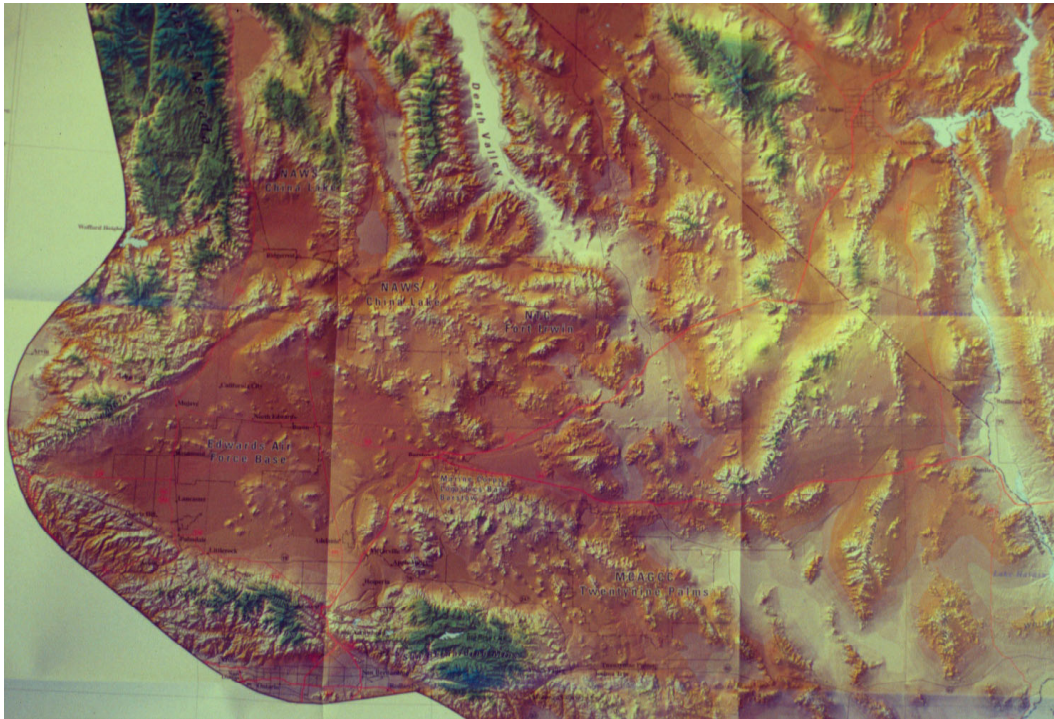
(1) Map of native language-cultural groups of southern California (Kroeber 1925).



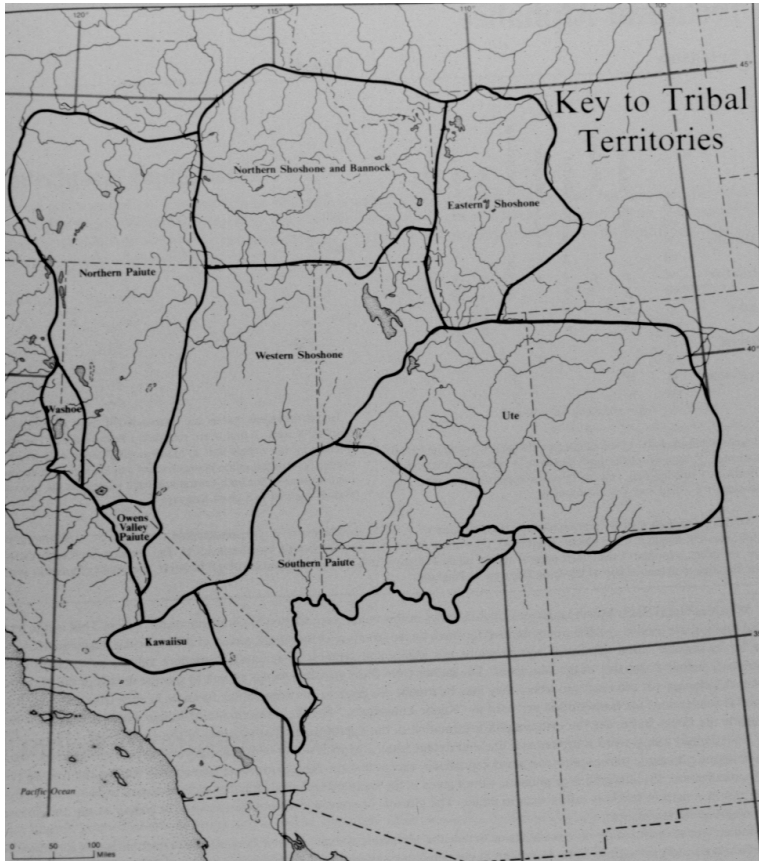
(2) Rainfall map of southern California, showing corridor (barrier) of extreme aridity extending southeast from Death Valley. This barrier was a frontier between the Chemehuevi and Mojaves to the east and the Serranos to the west in the 18th Century.



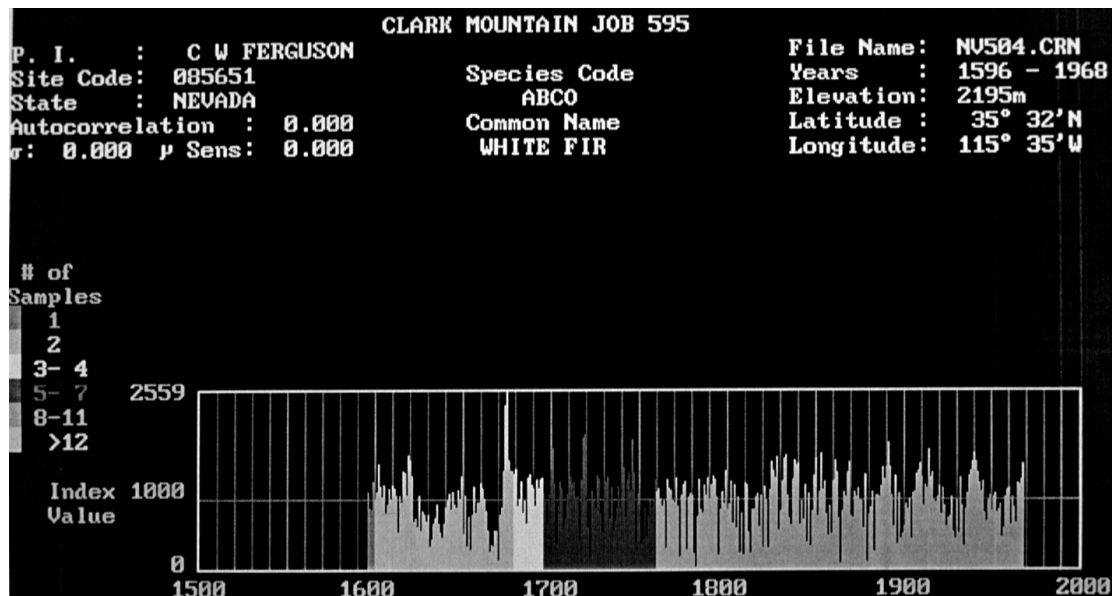
(3) Satellite view of Fort Irwin region and western Mojave Desert, to locate the installation in respect to the Mojave River, Death Valley, and other geographical features.



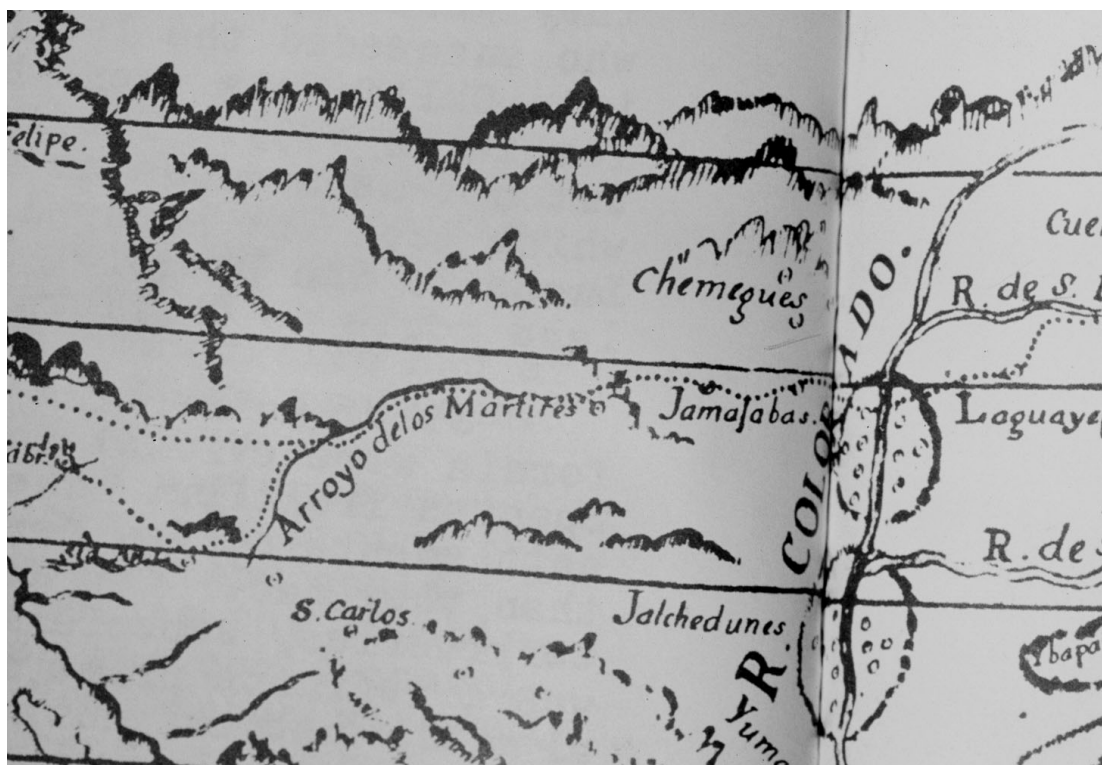
(4) Map view of Mojave Desert region, for discussion of desert topography and native use of the desert.



(5) Map of distribution of Numic-speakers in California and Nevada for discussion of Numic spread.



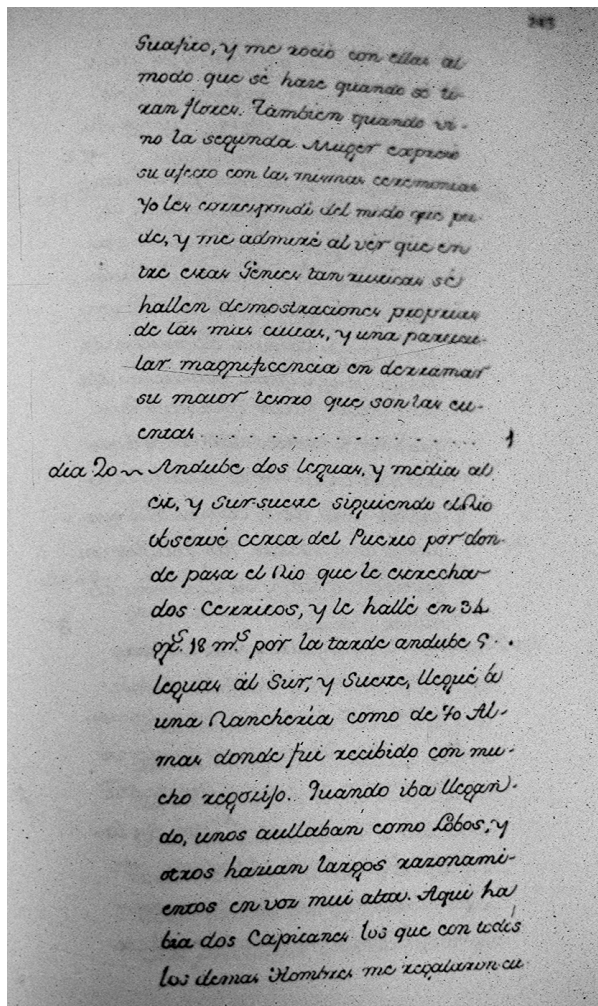
(6) Chart showing dendrochronological rainfall proxy data, for discussion of climate and drought reconstruction.



(7) Font map of southern California and Colorado River, ca. 1776, for discussion of Garces and other Spanish exploration of the Mojave Desert.



(8) Photograph of carving apparently left by Garces north of Edwards AFB, dated April 1776, for discussion of Garces' observations on native political geography of desert.



(9) Page from Garces' diary (see above).



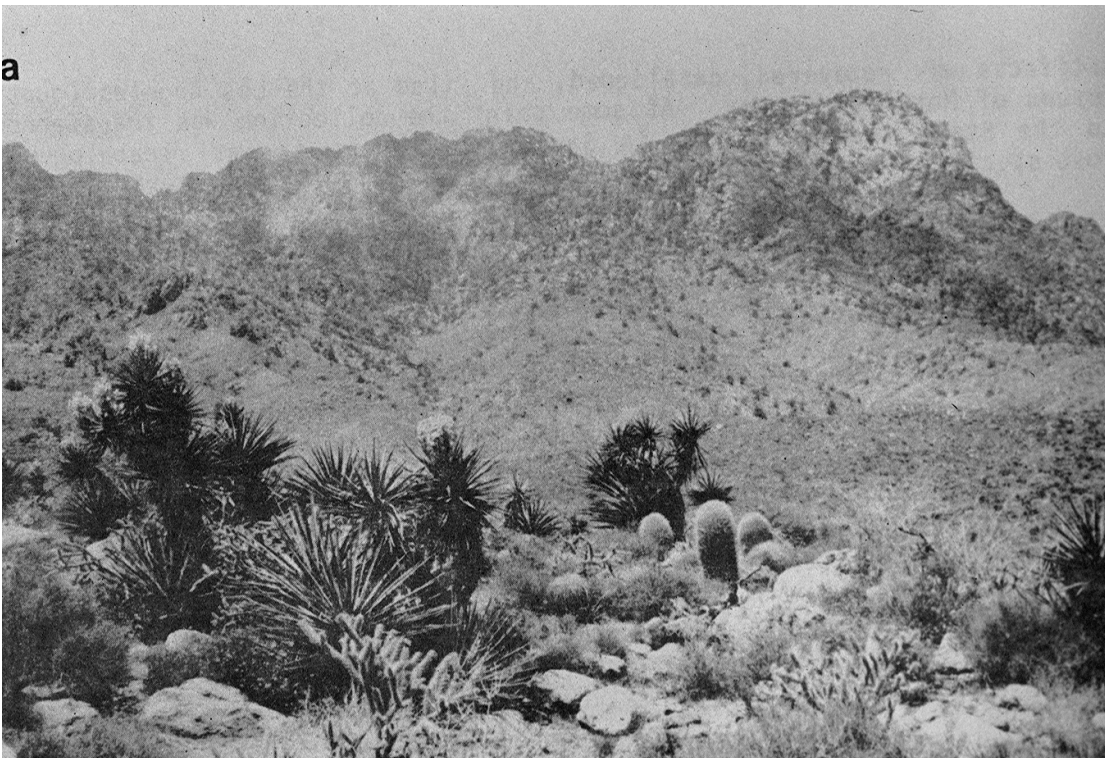
(10) Line drawing illustrating native temporary camp, for discussion of study of native settlement systems.



(11) Drawing of woman gathering wild seeds – for discussion of wild food foraging and collecting.



(12) View of Sinks of the Mojave, for discussion of playa environments used by natives of the Fort Irwin region.



(13) View of Providence Mountains, for discussion of higher altitude spring site zones in eastern California deserts, associated with pinyon gathering and hunting



(14) Pinyon pine nuts, a staple of desert Numic-speakers.



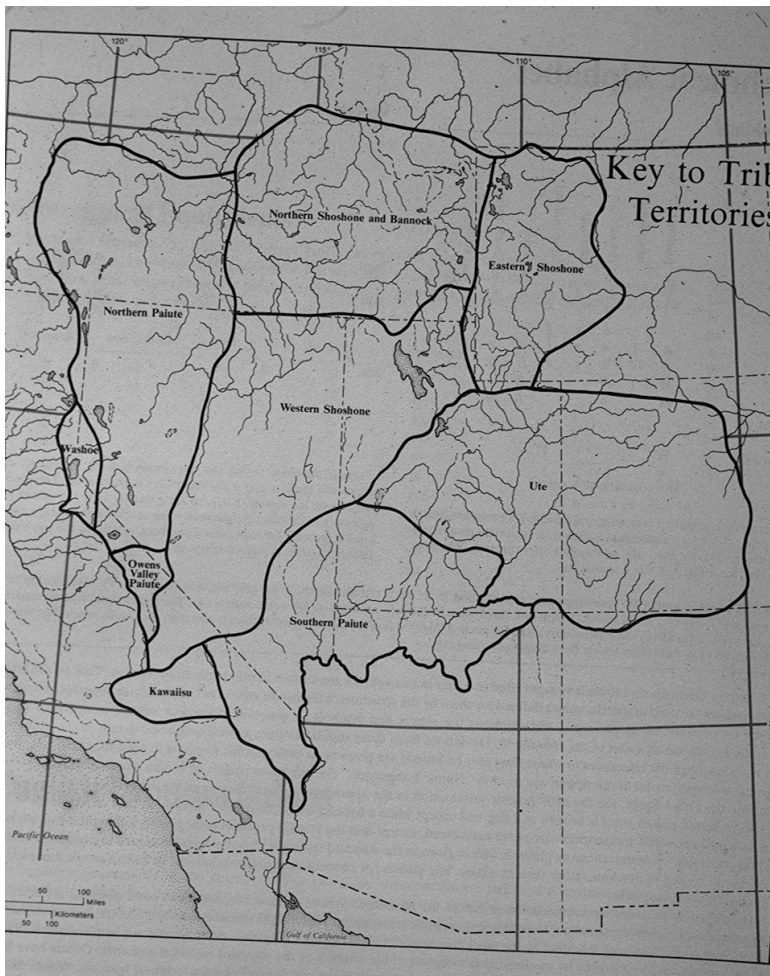
(15) View of pinyon pine grove.



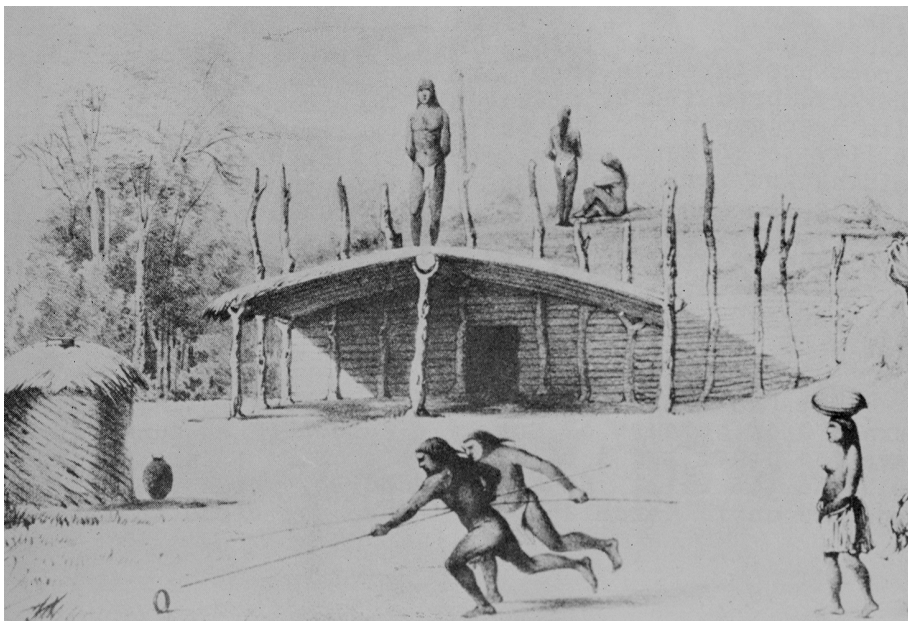
(16) Desert tortoise; an important food item for Central Mojave Desert native groups.



(17) Chemehuevis as they appeared in ca. 1853, for discussion of Chemehuevi and related Kawaiisu presence in the Ft. Irwin area.



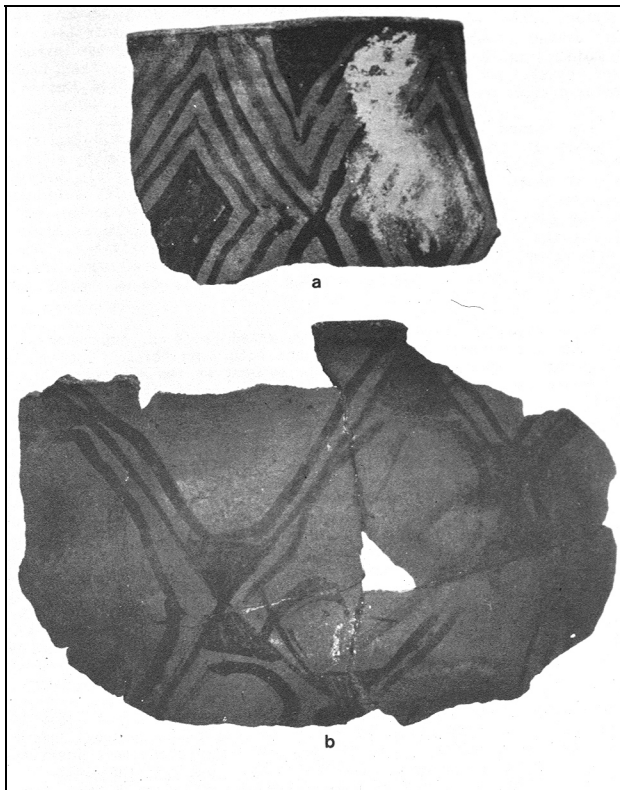
(18) Geographical distribution of Chemehuevi, Southern Paiute, and Kawaiisu in 18th Century, resident in the vicinity of Fort Irwin.



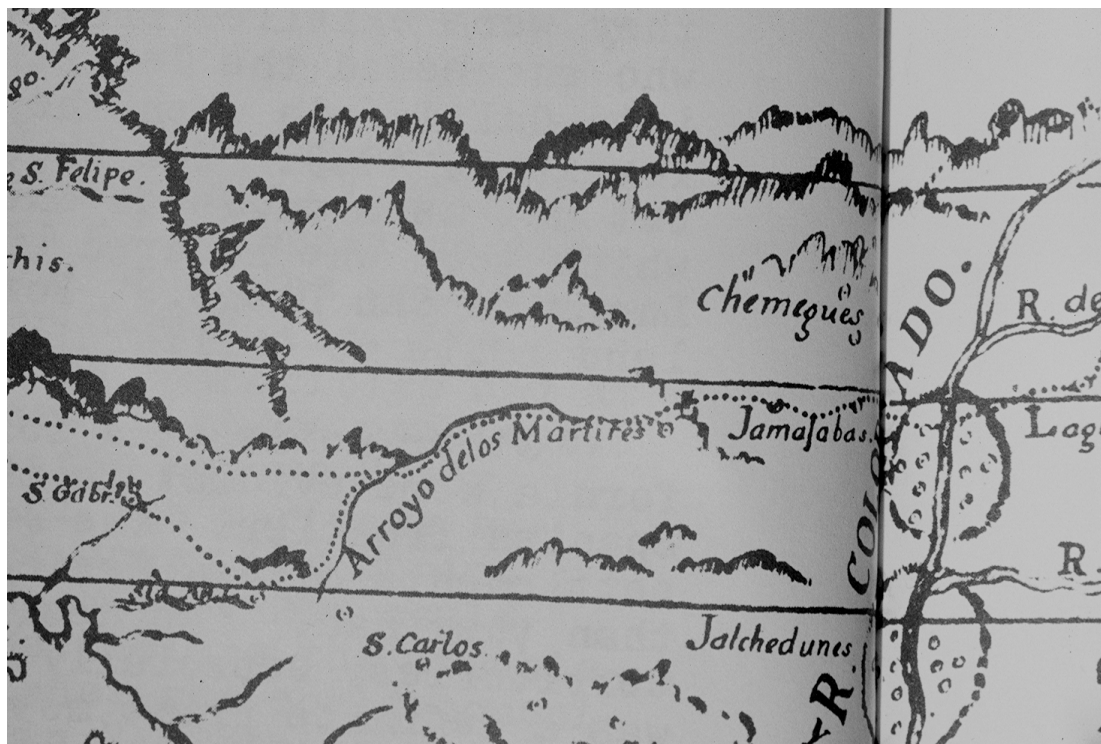
(19) Mojaves and Mojave dwelling; this group visited the Fort Irwin area frequently and also maintained exchange links with Pacific coast groups.



(20) Mojave group as it appeared in ca. 1853.



(21) Mojave pottery, exchanged to the western Mojave Desert, for discussion of Mojave travel and visits to sacred sites.



(22) Font map of 1776 showing Mojave River exchange and travel corridor, which was a major cultural geographic feature affecting use of the Fort Irwin region.



(23) Metate quarry near Barstow, to the south of Fort Irwin, for discussion of regional exchange resources.

Appendix D: Archeological Predictive Model

By Tad Britt, ERDC-CERL



What: An Archeological Predictive Model for Ft Irwin, National Training Center and Proposed Expansion Areas.

- A dynamic GIS tool that models existing geomorphic, cultural and ecological knowledge in order to predict site/behavior favorability locations through time, across the landscape, regionally.
 - Where sites are likely to be found.
 - Where sites are unlikely to be found.
 - What methods should be used to optimize data recovery efforts.

Archeological Predictive Model Approach:

The variable to be modeled will be the location of archeological sites from a regional perspective—beyond the “fence lines” of the installation. The model outcome will be a map that depicts the favorability of a location for a site to be present. The general procedure for the creation of such a model is to first study the terrain and other factors that are associated with existing known sites in the study area. By inferring that other sites of this same type would be more likely to occur in similar places, it is possible to target resource management activities.

Archeological Predictive Model Objectives:

Purpose of APM is to determine site favorability based on type, age, cultural affiliation, environment and setting of the resource on the landscape--a 3-D approach. Are sites predicted to be there, if so, where and what methods should be used to identify and evaluate their significance.

If not, can specific settings be categorically eliminated. Objective is to establish parameters and methodologies for each set of characteristics that do, or do not, occur. Provide a reliable range of scale (very favorable---very unfavorable) for site occurrence per landform type.

Why: Legal Drivers—NHPA (Sections 106 & 110) and NEPA.

- STEWARDSHIP: A need for a daily and long-term decision-making tool for CRM for compliance and risk assessment issues.
- SUSTAINABILITY: Planning and prioritization capabilities with respect to ecosystem management that transcend “fence line” mentality.
- PROACTIVE: Cost effective and time efficient and expedites training readiness.
- INTEROPERABILITY: Enhances existing and developing GIS programs (e.g., ICRMP, INRMP, MDEP, FICRD, CHRIS, ITAM, Range Control, DPW, etc.).

When: ERDC-CERL Contract Period 10 August 2001 to 1 May 2003.

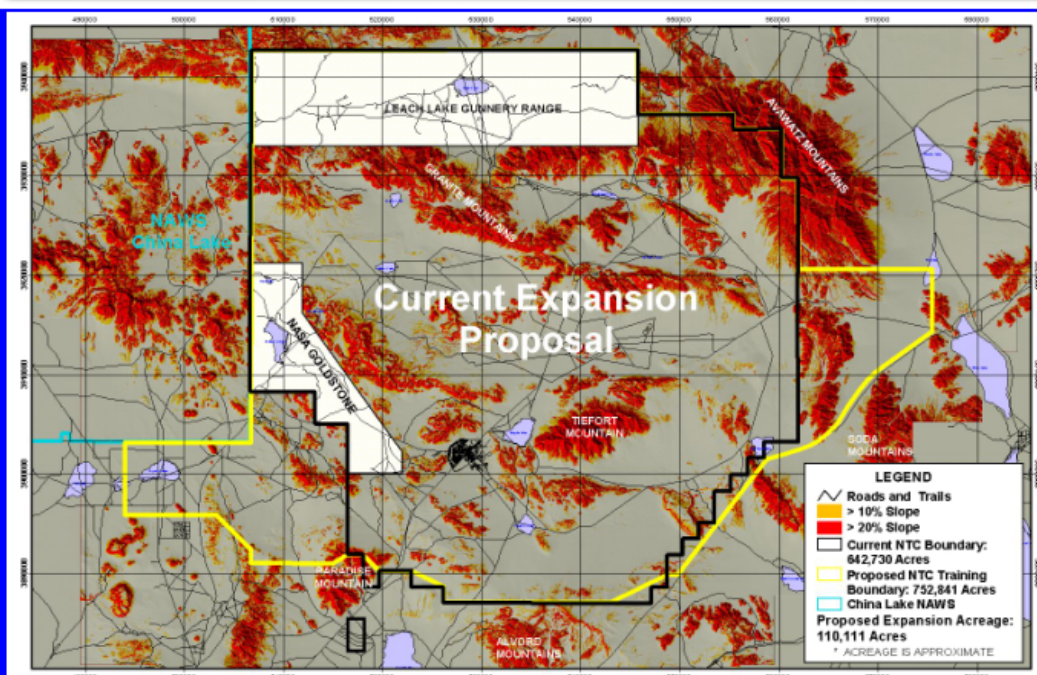
Work is accelerated and will have working prototype for field-testing Spring 2002.

- All existing GIS data has been collected and integrated into a working model.
- Archeological site sample (GPS validation). Report due 30 April 2002.
- Geomorphic landform sampling (landform dating). Report due 30 April 2002.

Where: Total area to be included in APM = 774,980+ acres.

- Ft Irwin, NTC- existing holdings - 642,730.
 - o Tortoise Critical Habitat – 22,139 acres.
- Bureau of Land Management--113, 000 acres.
- Total acquisition for training purposes--132,250 acres, located within and along the perimeter of Ft Irwin NTC (i.e., Superior, Power Line and Avawatz areas).
- Surrounding region—Area of Potential Effect (APE)

NTC Land Expansion



STATUS OF KNOWLEDGE:

Ft Irwin:

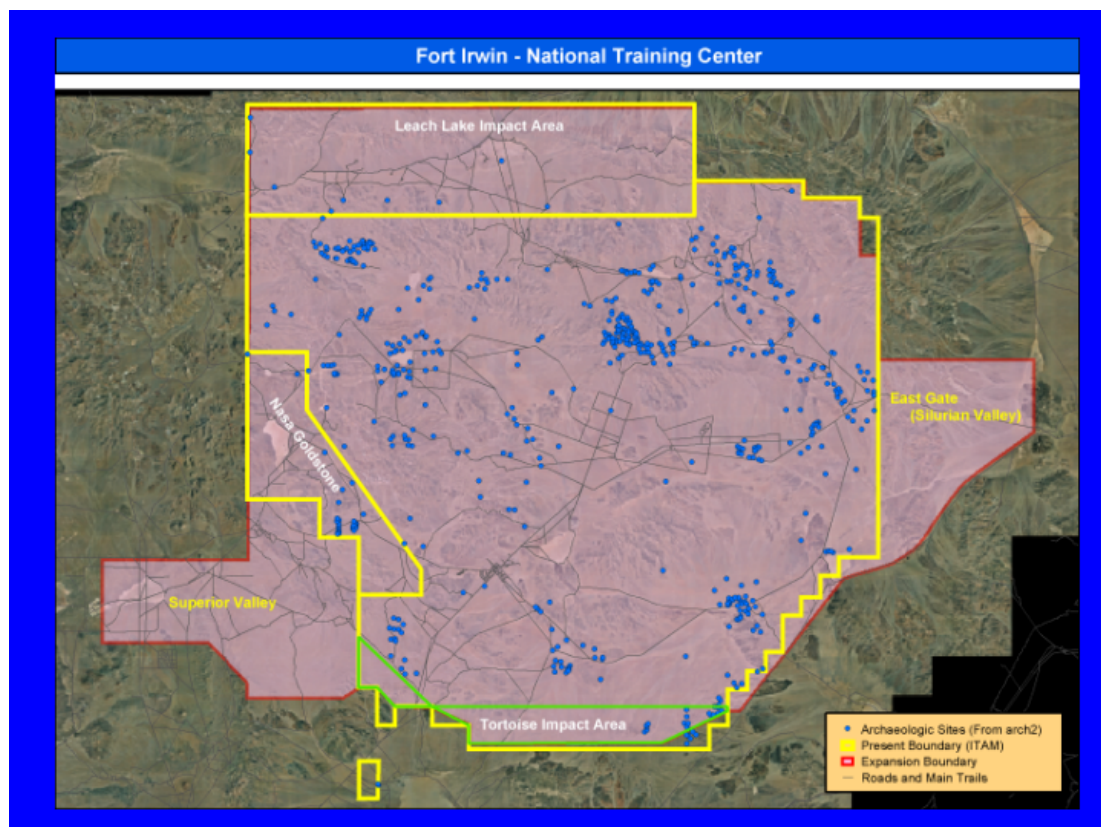
- o 27.2% of Ft Irwin surveyed to date (including: Goldstone, Leach Lake and Coyote Basin)
- o 618 recorded archeological sites on Ft Irwin
- o 25 determined NRHP eligible sites
- o 498 protected sites (considered eligible to NRHP)
- o 81 ineligible sites
- o 14 sites with inconclusive data

Data from Ft Irwin ICRMP (2001)

Documented Cultural Resource Types - NTC and Expansion Areas

- Prehistoric
 - Rock Art and Rock Shelters (27 sites)
 - Lithic Reduction and Lithic Scatter (479 sites)
 - Habitation (131 sites)
- Historic (73 sites)

*Multi-component sites are included in all applicable groups



STATUS OF KNOWLEDGE:

(continued)

Expansion Areas:

<u>Area</u>	<u>Total Acreage</u>	<u>% surveyed</u>
o Superior Valley	63,356 acres	9%
o Power Line	5,683 acres	17.4%
o Avawatz	45,713 acres	21.1%

From Charis White Paper 2001

STATUS OF KNOWLEDGE:

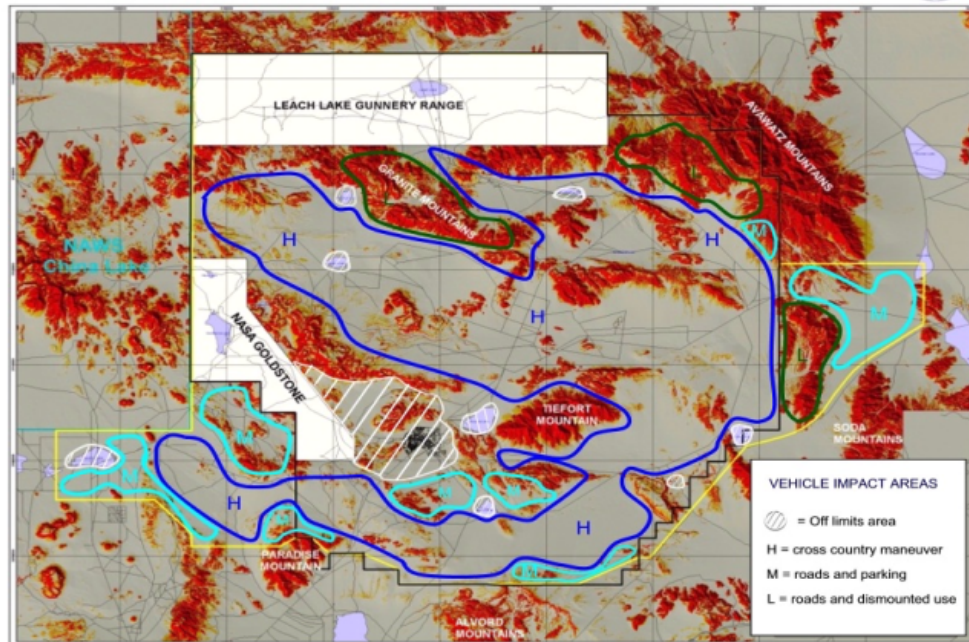
(continued)

Total acreage requiring survey for compliance (minimum of 25% to 50% coverage):

<u>Area</u>	<u>% required for compliance</u>	<u>Acreage</u>
o Superior Valley	41 %	21,541 (50%)
o Power Line	7.6 %	432 (25%)
o Avawatz	4.9%	<u>2,240 (25%)</u>
		24,213 acres

From Charis White Paper 2001

Proposed Activities



APM Variables:

- Dependent variable
 - Recorded archeological sites
- Independent variables
 - Soil characteristics
 - » Average soil water content
 - » Depth to bedrock
 - » Soil texture
 - Landform and Geology
 - » Composition
 - » Landform
 - Terrain
 - » Slope
 - » Aspect
 - » Elevation
 - Surface and Ground Water Availability
 - » Distance from lakes and springs

Archeological Predictive Model:

(continued)

Other data to be included/considered:

- 1 meter Digital Orthophotos and High Resolution Digital Elevation Models
- Fort Irwin Cultural Resource Database (FICRD). 79 categories and subcategories that address significance, culture period, disturbance, risks, loss potential, protection, etc. But, not all categories populated.
- Training compartment areas and Fort Irwin boundaries.
- CHRIS data from surrounding region.
- Biases--Methodological and Environmental.

GEOMORPHOLOGY:

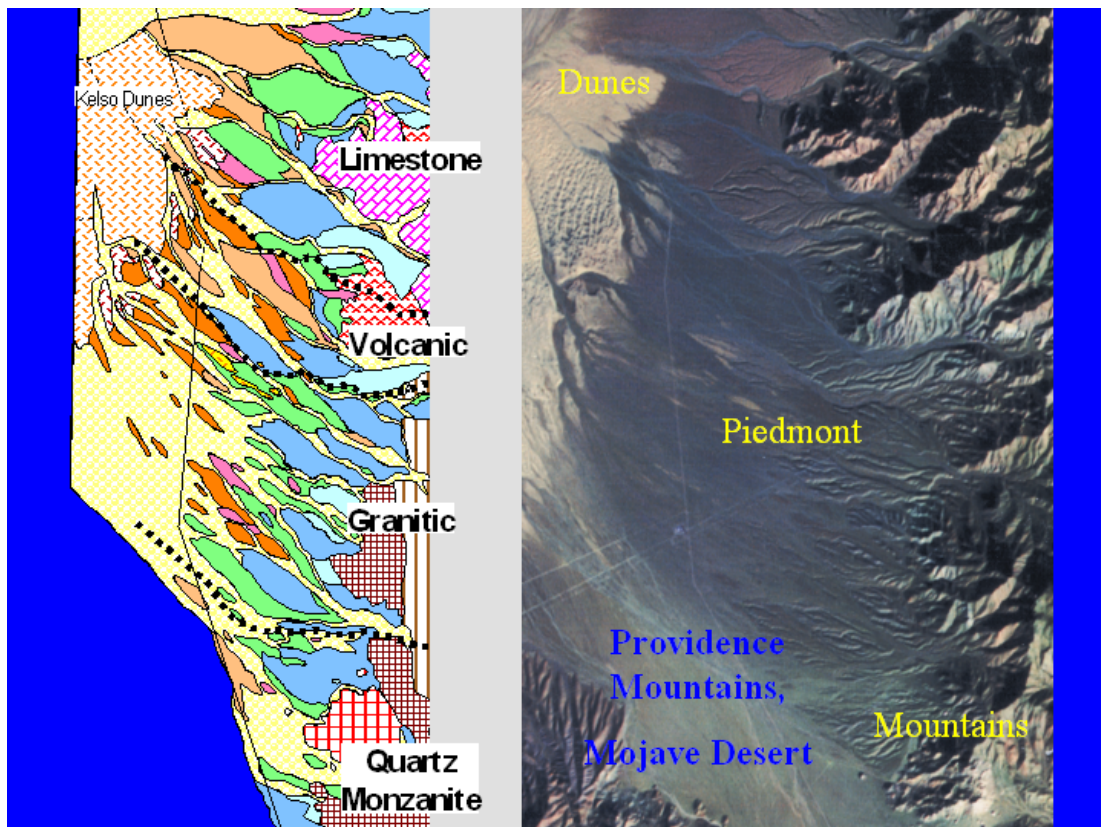
- Conducted a thorough literature and records search of late quaternary geomorphology pertaining to Ft Irwin and its Area of Potential Effect (APE).
- Conducted field reconnaissance of 85 archeological sites. Site selection was based on consensus between ERDC-CERL Team, Ft Irwin and BLM members.
- Devised a classification system that will facilitate geoarcheological categorization of site types, cultural periods, chronology and environment with respect to landform classes/features.

GEOMORPHOLOGY

(continued)

Landform Investigations

- Deposit Type
- Landform/Setting
- Surface Type/Pavement
- Deposit/Landform Age
- Soil Surface Horizon
- Soil Strongest Subsoil Horizon
- Surface Age
- Artifact Lithic Type
- Dominant Lithological Deposit
- Aspect/Position and Slope Position
- Potential for Buried Cultural Deposits
- Geomorphic Stability
- Potential for Future Burial



Archeological Predictive Model:

(continued)

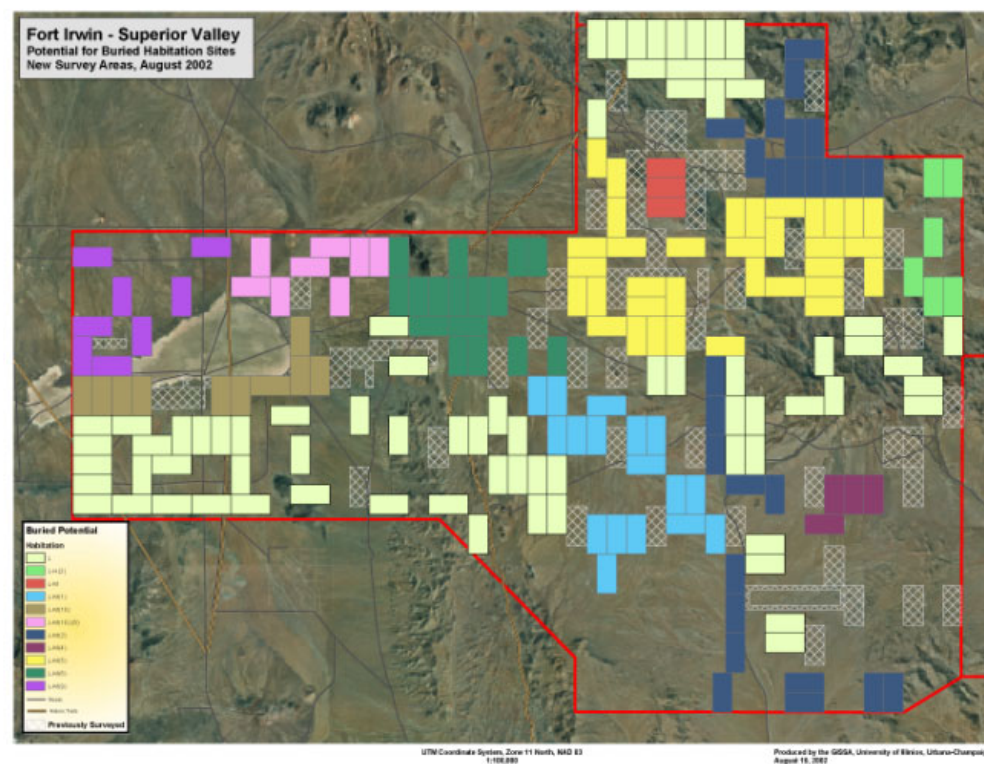
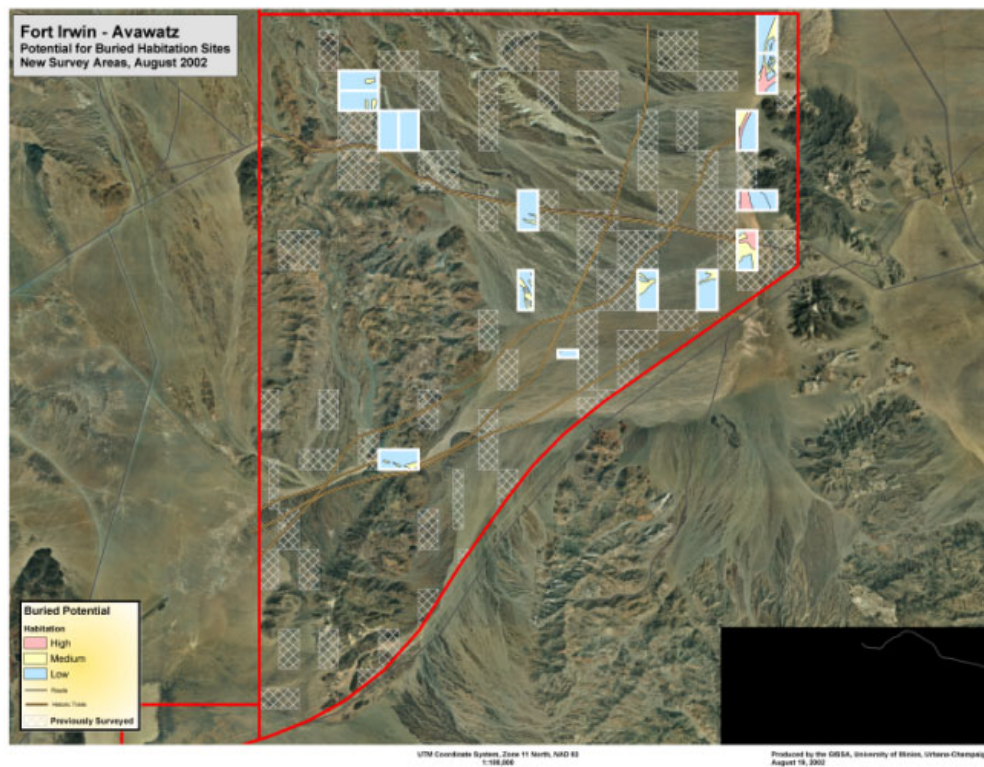
Methods-- Two types of methods will be used for this APM:

- 1) **Descriptive** methods such as Chi Square analysis and map overlay provide a means to produce a favorability map.
- 2) **Parametric** methods such as logistic regression, for example, will be used to create a probability map of site location based on a regression equation.

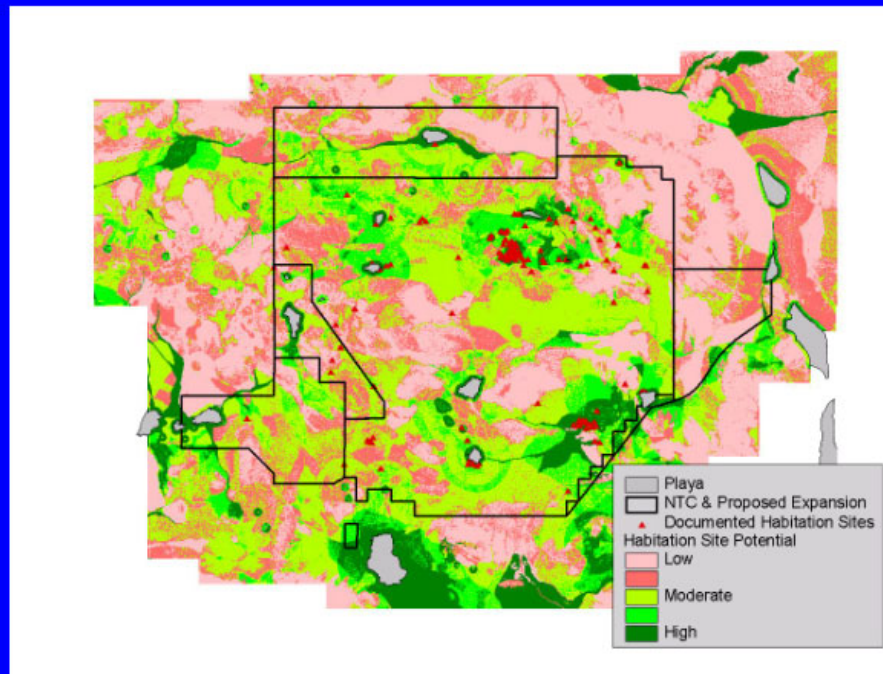
Archeological Predictive Model:

(continued)

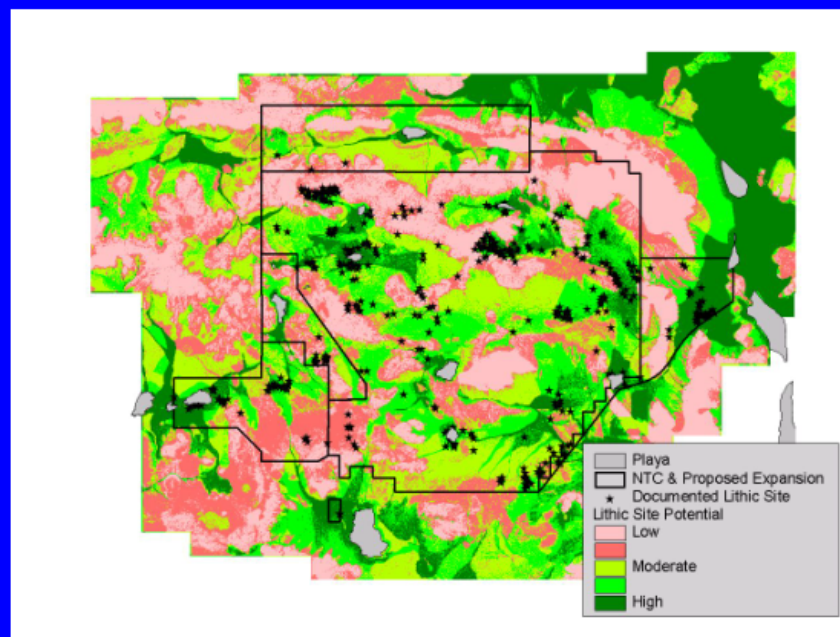
- Construct the model—this will involve selecting +/-100 random stratified sample survey and significant sites from Ft Irwin and the proposed expansion area to test APM.
- Validate and refine model—via Split-Sample validation of +/-100 sites that will be verified in the field. Refinement will be accomplished via CRM surveys and geomorphic field investigations to improve and ensure accuracy of the model.



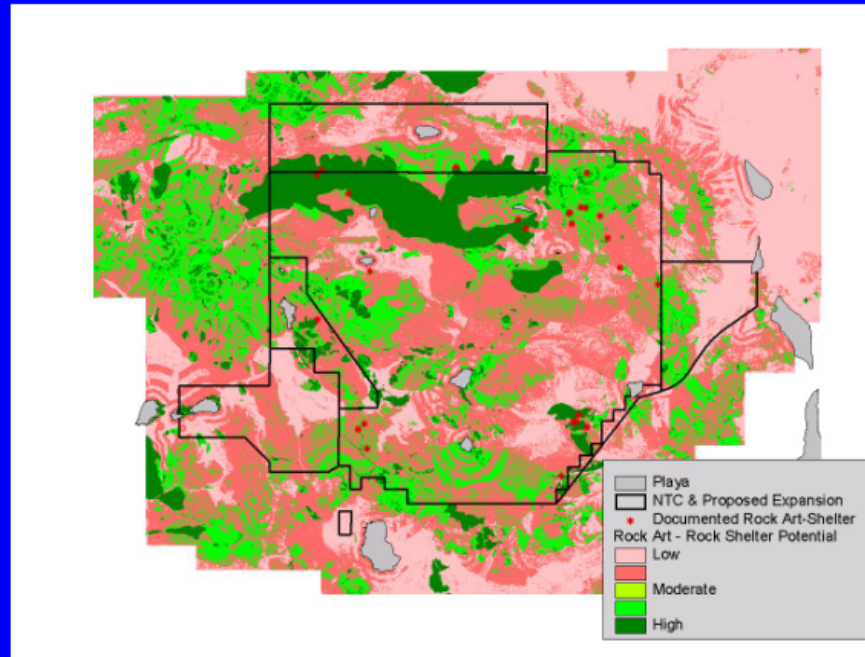
Prehistoric Habitation Site Favorability



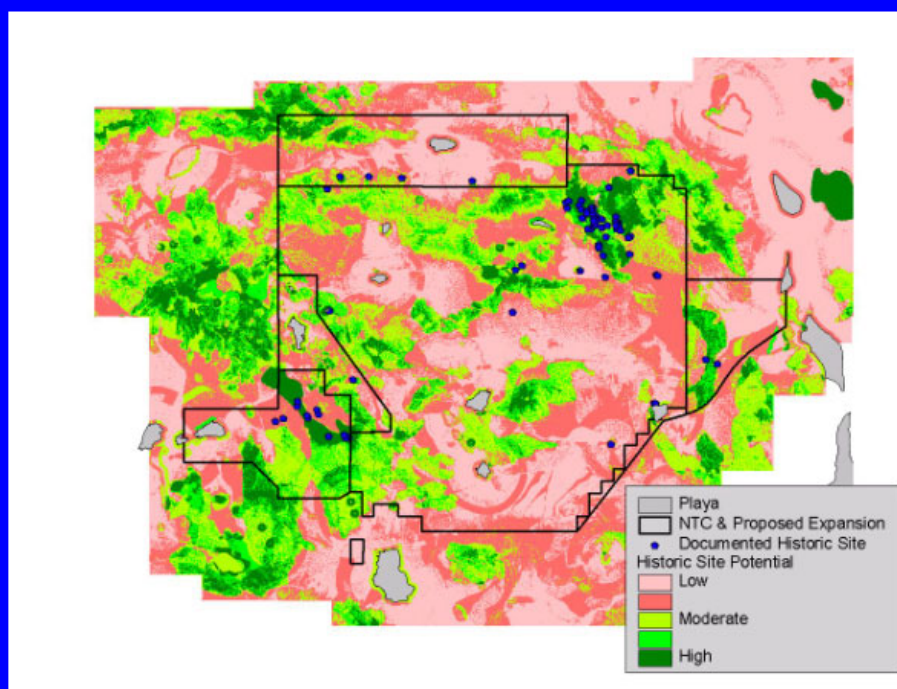
Lithic Reduction and Scatter Site Favorability



Rock Art & Rock Shelter Site Favorability

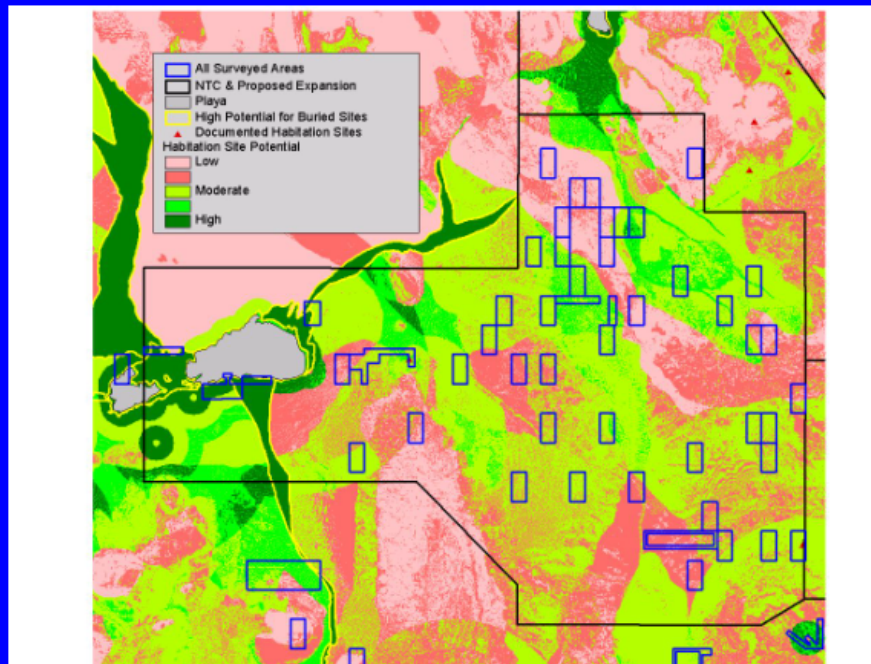


Historic Site Favorability



Habitation Site Favorability in Superior Lake Area

Note area with high potential for buried sites



Model Performance

Site Type	% of Sites	% of Area
Habitation	48%	7%
Rock Art	44%	7%
Lithic	32%	11%
Historic	54%	7%

- Goal is to reduce the amount of area to survey so that it includes only those areas where sites are most likely
- Areas already surveyed, expected military impact, and potential for buried sites are also considered

RECOMMENDATIONS:


Proceed with surveys ASAP based on APM data.
Field investigations should incorporate identification AND evaluation efforts to maximize and expedite compliance process.

- Follow guidelines and methodologies generated from APM.
- Follow guidance and research objectives of Ft Irwin ICRMP
- Address research questions in California State Historic Preservation Plan



Appendix E: Land Expansion Survey Test Presentation

By Craig Smith, Project Manager, TRC



Study Areas

- **Avawatz**
 - 19 study blocks x 124 acres = 2,356 acres (25%)
- **Power Line**
 - 4 study blocks x 124 acres = 496 acres (25%)
- **Superior Valley**
 - 178 study blocks x 124 acres = 22,072 acres (35%)

24,924 acres



Methods

- Walk study blocks at 15-m (50-ft) transects
- Use Geo III Explorer GPS for all locational information
- Isolated artifacts extensively recorded
- Sites extensively recorded
- All sites tested
- Military remains also recorded



Avawatz Study Area (2,356 acres)

- **68 total sites recorded**
 - 2 rockshelter sites
 - 64 prehistoric lithic scatter
 - 2 historic mine sites
- **120 isolated artifacts**



Desert Pavement - Avawatz



Desert Pavement - Avawatz





Rockshelter



Rockshelter





Rockshelter



Power Line Study Area (496 acres)

- No sites recorded



Superior Valley Study Area (22,072 acres)

- **234 total sites recorded or found**
 - 162 prehistoric sites
 - 72 historic sites
- **1,500 isolated artifacts**



Shoreline Site with Beach Ridge





Shoreline Site



Fire-Cracked Rock Feature Shoreline Site





Fire-Cracked Rock Feature Shoreline Site



Collector's Pile Shoreline Site





Superior Valley Sand Sheet Site



Superior Valley Sand Sheet Site





Central Sand Sheet Site



Central Sand Sheet Site





Alluvial Plain Site



Basalt Quarry





Basalt Quarry



Ausland Well Footing





Ausland Well Foundation



Homestead Depression





Historic Road



Arrow Points





Black on White Ceramics



Other Ceramics





Elko and Humboldt Points



Other Dart Points





Mohave and Other Points



Other Early Points





Off-Site Testing

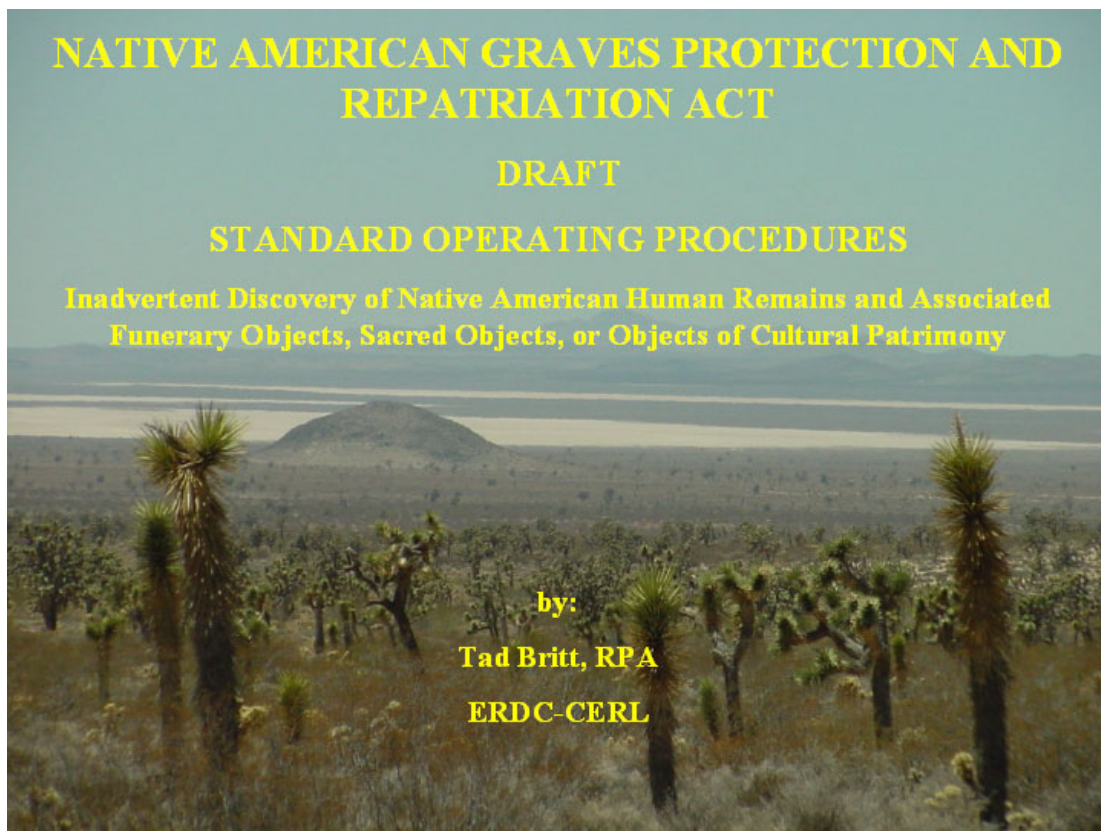
- Backhoe trenching
- Shovel testing



Geomorphic Studies

Appendix F: NAGPRA SOPs

By Tadd Britt, ERDC-CERL



Legislative Drivers for Consultation

National Environmental Policy Act

Native American Graves Protection and Repatriation Act

National Historic Preservation Act

American Indian Religious Freedom Act

Archaeological Resources Protection Act

Presidential Memorandum, 1994, Government to Government Relations

EO 13007, Access to Sacred Sites

EO 13084, Consultation and Coordination with Indian Tribal Governments

EO 12898, Environmental Justice

DoD American Indian and Alaska Native Policy

AR 200-4

DA PAM 200-4

Federally Recognized Tribes Invited to Participate

- Colorado River Indians
- Fort Mohave Indian Tribe
- Chemehuevi Tribal Council
- San Manuel Band of Mission Indians
- Timbi-sha-Shoshone Tribe
- Moapa Band of Paiute Indians
- Twenty-Nine Palms Band of Mission Indians
- Morongo Band of Mission Indians
- Big Pine Paiute Tribe of Owens Valley
- Lone Pine Paiute Shoshone Tribe
- Fort Independence Community of Paiute
- Kaibab Band of Paiute Indians
- Las Vegas Tribe of Paiute Indians

NAGPRA SOP Outline:

Introduction
Definitions
Policy/Procedures
Notifications
Identifications
Treatment and Disposition
Time Conflicts/Dispute Resolution
Additional Parties
Resumption of Activity

DRAFT **NAGPRA-SOPs**

Inadvertent Discovery of Native American Human Remains and Associated Funerary Objects, Sacred Objects, or Objects of Cultural Patrimony

- Ft Irwin is engaged in a continuing cultural resource inventory and evaluation of their holdings.
- The training mission of Ft Irwin has the potential to uncover previously unidentified archeological/cultural deposits and possibly Native American burials
- If human remains or funerary items are discovered, compliance with NAGPRA is required
 - Lineal descent
 - Cultural affiliation
 - Repatriation

Definitions:

- Burial Site
- Cultural Affiliation
- Funerary Object
- Sacred Object
- Object of Cultural Patrimony
- Indian Tribe
- Inadvertent Discovery
- Cultural Objects

Policy

- To Protect
- To Identify Proper Ownership
- To Ensure Rightful Treatment and Disposition

Procedures: Preliminary Assessment, Protection and Verification

- CRM must make a site visit within 24 hours of discovery
 - If non-human, determine archeological association and whether or not Section 106 procedures apply
 - Determine if remains are associated with a recent crime scene
 - If so, contact Installation PMO/CID and County Sheriff, activity will cease w/in 50 m radius and CID takes lead as investigating party
 - If not associated w/ crime scene w/ authorities concurring, notify CA SHPO

Procedures: Preliminary Assessment, Protection and Verification

- Continued:
 - Are they Native American? If so, CRM will prepare a report of finding, noting all circumstances including content and context of the discovery, their antiquity and significance.
 - Evaluations will be conducted *in situ*.
 - Destructive analysis is prohibited.
 - CRM/CID will consult with forensic/physical anthropologists as appropriate.
 - Site will be protected, stabilized and monitored
 - No removal of items until compliance with these rules regarding resumption of activity is completed.
 - NAGPRA investigations take time and CRM/CID should have a Plan of Action including specialist identified and available to conduct field analysis.

Notification of Installation Commander

- Immediate telephone notification to Commander or designee.
- Immediately followed by written report, which contains results of field evaluation and Plan of Action--consultation tasks and disposition of discovered objects
- Commander will notify CRM that the Memorandum of Notification has been received within 48 hours
- All contracts that involve any ground disturbance activities will be required to notify the CRM immediately should an inadvertent discovery be made
- G3 and Range Control shall have procedures in place to notify the CRM should an inadvertent discovery occur

Notification of Native Americans

- The Installation Commander has three (3) working days after written receipt of an inadvertent discovery of Native American remains or funerary items to notify all possible lineal descendants and other Indian tribes that may claim custody of the objects.
- Decisions on which tribes to notify will be based on priority of ownership described in 25 U.S.C. 3002 and 43 C.F.R. 10.6 and the List of Tribal Contacts.
 - Telephone calls shall be logged
 - Certified mail including written reports

Notification of Native Americans

Continued

- Priority of ownership or control of Native American human remains and cultural objects is briefly:
 - Lineal descendants, as determined pursuant to 43 C.F.R. 10.14(b)
 - Indian tribe holding tribal lands as defined in 43 C.F.R. 10.2(f)(2)
 - Culturally affiliated Indian tribe as defined in 43 C.F.R. 10.14
 - Indian tribe recognized as the aboriginal owners of the land by a final judgment of the Indian Claims Commission or the United States Court of Claims
 - Indian tribe with the strongest demonstrated cultural relationship
 - Unclaimed
- The List of Tribal Contacts will be kept by the Natural and Cultural Resources Manager and will be verified and/or updated annually in coordination with tribal election schedules.

Identification of Native American Human Remains

- *In situ* analysis is the preferred method. If not consultation shall occur and further identification methods discussed
- CRM will employ specialist as appropriate (e.g., forensic, physical anthropologists, ethnographers, tribal consultants)
- Cultural affiliation shall be determined by a preponderance of evidence (e.g., geography, kinship, biological, archeological, folklore, etc.)
- Lineal descent will be determined with potential lineal descendants

Identification of Native American Human Remains: continued

- Consultation must result in either a Plan of Action and/or a Comprehensive Agreement. Parties covered in a CA must agree to be signatories.
- Information to be gained during the consultation that should be included in the written plan of action or CA:
 - Kinds of material to be considered as cultural objects
 - Specific information used to determine custody
 - Treatment, care, and handling of human remains and cultural objects;
 - Archaeological recording of the human remains and cultural objects;
 - Kinds of analysis for identification of human remains and cultural objects;
 - Steps to be followed to contact Indian Tribe officials at the time of an inadvertent discovery of human remains or cultural objects;
 - Kind of traditional treatment to be afforded the human remains or cultural objects;
 - Nature of the reports to be prepared; and
 - Disposition of human remains and cultural objects

Treatment and Disposition

- Treatment and disposition shall be determined in consultation with lineal descendants or Tribes that demonstrate priority of ownership, per NAGPRA
- Tribes must demonstrate affiliation by a preponderance of evidence
- If a single claimant can not be identified, continue consultation .
- If no agreement can be reached refer to dispute resolution procedures below
- Make every attempt to specify treatment for inadvertent discoveries within thirty (30) days after certified notification has been sent.
- If *in situ* preservation is not possible, repatriation with tribes of lineal descent of cultural affiliation should be undertaken

Treatment and Disposition

Continued

- Each restoration or re-interment shall require Ft Irwin an opportunity for tribal religious participation, as per AIRFA
- Prior to the disposition of NAGPRA objects public notices shall be published of the proposed disposition in the area of lineal and culturally affiliated tribes
 - The notice must provide information as to the nature and affiliation of the human remains, funerary objects, sacred objects, or objects of cultural patrimony and solicit further claims to custody. The consulting tribes may review the content of the notice before its publication. Privileged information should not be included in the notice.
 - The notices must be published twice at least a week apart. A copy of the notice and information on when and in what newspaper/s the notice was published must be sent to the Departmental Consulting Archaeologist, Archaeological Assistance Division, National Park Service.
 - The return of human remains and cultural objects must not take place until at least thirty days after the publication of the second notice to allow time for any additional claimants to come forward. If additional claimants do come forward and the installation commander or his/her designee cannot clearly determine which claimant is entitled to custody, the federal agency must not transfer custody of the human remains and cultural objects until the proper recipient is determined pursuant to 43 C.F.R. 10.

Treatment and Disposition

Continued

- If a claim is made for human remains and cultural objects, all of the tribes that were involved in the consultations regarding their disposition will be notified.
- Unclaimed Native American human remains and cultural objects shall be returned in accordance with the regulations developed by the NAGPRA Review Committee.

Time Conflicts

- On those rare occasions when Fort Irwin or the tribe(s) is unable to meet its commitments pertaining to time schedules for any activity specified herein, the party that is unable to meet the schedule will notify the other party as soon as physically possible to reschedule the activities to the mutual satisfaction of both parties. Emergency actions will be coordinated by telephone or FAX.

Dispute Resolution

- All disputes regarding the cultural affiliation of discovered human remains and/or cultural objects shall be resolved in accordance with Sections 3 and 7(e) of NAGPRA and the implementing regulations 43 C.F.R. 10.
- Fort Irwin shall follow the procedures set forth in this document regarding consultation with the interested tribes. Should any interested tribe make a conflicting claim of cultural affiliation or dispute the methods of treatment or disposition of human remains and/or cultural objects as delineated herein, the installation commander shall notify FORSCOM.
- Fort Irwin will continue consultation with the disputing parties, suggest that the disputing parties seek resolution among themselves, and, if the disputing parties concur, go before the NAGPRA Review Committee which is given the authority under 25 U.S.C 3006(c)(4) and 43 C.F.R. 10.16 and 10.17 to make recommendations on the resolution of disputes.
- If, upon receipt of the recommendations of the Review Committee, the most appropriate claimant still cannot be determined, Fort Irwin shall retain the disputed remains or cultural objects until the question of custody is resolved, as stated in 43 C.F.R. 10.15(a)(2).

Additional Parties

- Interested tribes claiming lineal descent or cultural affiliation may join these procedures at any time should they express a desire to do so.
- If an interested party fails to make a written claim prior to the time human remains and cultural objects are duly repatriated or disposed of to a claimant, the interested party is deemed to have irrevocably waived any right to claim such items pursuant to these regulations.

Resumption of Activities

NNAGPRA specifies:

- The activity that resulted in the inadvertent discovery of Native American human remains or cultural objects may resume thirty (30) days after certification by the installation commander of the receipt of the notification sent by the Cultural Resources Manager
- Or, activity may resume if the treatment is documented in a written binding agreement between the installation and the affiliated Indian tribes , as per NAGPRA
- In no event may activity resume until the SHPO or, if involved, local law enforcement officials approve.

Appendix G: Summary of Tribal Consultation Efforts

Tribe	Contact Persons	Result
Colorado River Tribes	Daniel Eddy, Chairman Betty Cornelius, NAGPRA Coordinator	Called Mr. Eddy 8/8; left message. Called Mr. Eddy 8/12; his secretary said that at this time, no one will be attending the meeting. Call to Ms. Cornelius 8/8; no answer, no voice mail. Ms. Cornelius did attend the Ft. Irwin meeting
Fort Mohave Indian Tribe	Louellen Barrackman, Vice-Chairman, Acting Chairman Chad Smith, Archaeologist Elda Butler, Director, AhaMaKav Cultural Society	Call from Ms. Butler 8/12; she and Chad Smith will be attending. Call from Mr. Smith, 8/13; Smith, Butler, and one other person will be attending; he will fax their names and Social Security Nos. Call to Mr. Smith 8/18; he and Butler are going. Due to circumstances, only Mr. Smith was able to attend the meeting.
Chemehuevi Tribe	Edward D. Smith, Chairperson David Halmo, NAGPRA coordinator. Bill Cox, tribal planner	Called Mr. Smith 8/8 and 8/12; left messages. Call to David Halmo, 8/14; he no longer works for tribe; spoke with tribal planner Bill Cox, who said he would ask if anyone was going to come and call back. Call to Mr. Cox 8/18; he will get the names to me today. Called Mr. Cox 8/21; no answer. Called Mr. Cox 8/26; no answer.
San Manuel Band of Mission Indians	Caroline Toban, Tribal office Eddie Phillips, Environmental Protection Coordinator	Called 8/8; Ms. Toban will try to have an answer by 8/14 on whether someone will be attending. Call to Ms. Toban on 8/14; left message; referred to Mr. Jerry Parisa and left message. Call to Mr. Parisa 8/18; unable to get through to his number. Mr. Phillips called 8/22; he will be attending the meeting. Mr. Phillips called Ft. Irwin 9/2; he will not be able to attend.

Tribe	Contact Persons	Result
Timbisha Shoshone Tribe	Bill Helmer Tribal HPO	Call to Mr. Helmer 8/8-three people will be attending (tentative); call to Mr. Helmer 8/14-left message; call from Bill Helmer 8/15-gave names of those attending: Helmer, Georgia Kennedy, and Barbara Durham
Morongo Band of Mission Indians	Mary Ann Andreas, Chairperson and NAGPRA coordinator	Calls to Ms. Andreas on 8/8, 8/9, 8/12, 8/14; no answer, no voice mail. Call on 8/22; no answer.
Big Pine Paiute Tribe of Owens Valley	Theresa Stone, Executive Secretary	Called on 8/8; Ms. Stone requested that invitation letter be faxed to her. Call on 8/12; spoke with Mr. Cal Stafford; no one from tribe will be attending
Lone Pine Paiute Shoshone Tribe	Rachel Joseph, Chairperson	Called Ms. Joseph on 8/8 and 8/9; received call from Mr. Wilfred Nabahe, who requested that invitation letter be faxed to him. Call to Mr. Nabahe on 8/12; no answer, no voice mail. Call to Mr. Nabahe on 8/14; left message. Call to Mr. Nabahe on 8/18; he still has not found out if someone will be attending; he will find out and call back today. Call to Mr. Nabahe, 8/26; they will not be attending.
Fort Independence Community of Paiute	Richard Wilder, chairperson	Called 8/8 and 8/12; left message. Call to Mr. Wilder on 8/14; they will not be attending.
Kaibab Band of Paiute	Carmen Bradley, Chairperson	Called 8/8 and 8/12; left message. Called 8/14; left message. Called 8/18; left message.
Las Vegas Tribe of Paiute	Curtis Anderson, Chairperson Kenny Anderson	Called 8/8 and 8/12; left message. Call to Mr. Anderson on 8/14; left message. Call to Mr. Anderson on 8/18; Mr. Anderson will be attending. Mr. Anderson did not attend the meeting.
Moapa Band of Paiute	Philbert Swain, Chairperson	Called 8/8 and 8/9; left message and then spoke with Ms. Vicki Walter, who requested that invitation letter be faxed to her. Called Ms. Walter on 8/12; left message. Called Ms. Walter on 8/14; left message. Called Ms. Walter on 8/26; she will find out and call back. Mr. Swain did attend the meeting.
Twenty-Nine Palms Band of Mission Indians	Dean Mike, Chairperson	Called 8/8 and 8/12; left message. Called 8/14; left message. Called 8/18; left message. Call from Mr. Mike on 8/18; no one will be attending.

Appendix H: Initial Invitation Letter

Date

Chairperson

Federally Recognized Tribe (see list attached)

Dear Tribal Chairperson:

On behalf of the National Training Center (NTC), Fort Irwin, California, you are invited to attend a meeting at our installation September 3, 2002 to September 5, 2002. The purpose of the meeting is to establish an open and constructive dialog with your tribe on a Nation-to-Nation level regarding the military mission of the NTC and any potential tribal issues you would like to address with respect to our installation and its Area of Potential Effect (APE)

Topics that we wish to discuss and consult on include: 1) NTC's Standard Operating Procedures for inadvertent discovery, notification and treatment; per the Native American Graves Protection and Repatriation Act (NAGPRA) of 1990, 2) the forthcoming Supplemental Environmental Impact Statement (SEIS) with respect to the NTC's proposed 110,000 acres expansion—specifically, the cultural resource inventory, evaluation and management practices; 3) NTC's cultural resource tools—Archeological Predictive Model and Automated Tool for Monitoring Archeological Sites; and 4) the ethnohistoric and ethnographic cultural affiliation study of the mid-Mojave region (i.e., those Federally recognized tribes that claim aboriginal, ancestral or ceded land ties to the geographical area that now constitutes the NTC and its APE).

We wish to consider this meeting a listening session and we would like to hear from you regarding any Tribal issues or practices that concern you. Other Federally recognized Tribes have been invited to attend. In the spirit of our Nation-to-Nation relationship, individual meetings between the NTC and each Tribe will be mutually arranged in the future to discuss specific issues.

If you would like to attend, the NTC will pay for all reasonable travel expenses (e.g., mileage, lodging meals) for up to three Tribal representatives. Please con-

tact us if you wish to attend and we will send you a detailed agenda. Please include the names of those that will attend and their addresses so we may process invitational travel orders for them. .

In the spirit of our Nation-to-Nation relationship, we look forward to meeting with you. If the above dates are inconsistent with your schedule, please let me know alternate dates that you would be able to attend. You may write to me at the above address or contact Mr. William Quillman, Natural and Cultural Resource Manager, of my staff at (760) 380-3740.

CC: Tribal Cultural Resource Manager/

Sincerely,
NAGPRA Officer

Chief of Staff

Staff Summary Sheet

Nature of Action: **Letter to the 14 Federally recognized Native American Tribes inviting them to a Nation-to-Nation meeting at the NTC, 3-5 September 2002.**

Discussion: **The purpose of the meeting is to establish an open and constructive dialog regarding NTC's military mission with respect to tribal issues within the NTC and its immediate vicinity. Topics for discussion include: 1) Native American Graves Protection and Repatriation Act (NAGPRA) of 1990, Standard Operating Procedures for inadvertent discovery, notification and treatment; 2) the Supplemental Environmental Impact Statement (SEIS) with respect to the recent 110,000 acres expansion—specifically, the cultural resource inventory, evaluation and management practices; 3) NTC's cultural resource tools—Archeological Predictive Model and Automated Tool for Monitoring Archeological Sites; and 4) the ethnohistoric and ethnographic cultural affiliation study of the mid-Mojave region (i.e., those Federally recognized tribes that claim aboriginal, ancestral or ceded land ties to the geographical area that now constitutes the NTC and its APE).**

Legal Requirements:

National Environmental Policy Act

NATIVE AMERICAN GRAVES PROTECTION AND REPATRIATION ACT

NATIONAL HISTORIC PRESERVATION ACT

American Indian Religious Freedom Act

Archaeological Resources Protection Act

Presidential Memorandum, 1994, Government to Government Relations

EO 13007, Access to Sacred Sites

EO 13084, Consultation and Coordination with Indian Tribal Governments

EO 12898, Environmental Justice

DoD American Indian and Alaska Native Policy

AR 200-4

DA PAM 200-4

Recommendation: **Sign Letter**

Action Officer: **Mickey Quillman (380-3740)**

Federally Recognized Native American List**27 June 2002**

Colorado River Indians

Mr. Daniel Eddy

Chairperson

Route 1, Box 23-B

Parker, AZ 85344

Phone: 928-669-9211

Fax: 928-669-5675

Ms. Betty Cornelius

NAGPRA Coordinator

Route 1, Box 23-B

Parker, AZ 85344

Phone: 928-669-1339

Fax: 928-669-5675

Fort Mohave Indian Tribe

Ms. Nora Helton

Chairperson and NAGPRA Coordinator

500 Merriman Ave.

Needles, CA 92363

Phone: 760-629-4591

Fax: 760-629-5767

Fort Mohave Indian Tribe

Mr. Chad Smith, Tribal Archaeologist

500 Merriman Ave.

Needles, CA 92363

Phone: 928-768-4475

Fax: 928-768-7996

Fort Mojave Indian Tribe

Ms. Elda Butler, Director

AhaMaKav Cultural Society

500 Merriman Ave.

Needles, CA 92363

Phone: 928-768-4475

Fax: 928-768-7996

Chemehuevi Tribal Council**Mr. Edward D. Smith****Chairperson****P.O. Box 1976****Havasu Lake, CA 92363****Phone: 760-858-4301****Fax: 760-858-5400**

San Manuel Band of Mission Indians**Mr. Deron Marquez****Chairperson****P.O. Box 266****Patton, CA 92369****Phone: 909-864-8933****Fax: 909-864-3370**

Timbisha Shoshone Tribe**Ms. Georgia Kennedy****Acting Chairperson****P.O. Box 206****Death Valley, CA 92328-0206****Phone: 760-786-2374****Fax: 760-7862376****Timbisha Shoshone Tribe****Mr. Bill Helmer****Tribal Historic Preservation Officer****P.O. Box 206****Death Valley, CA 92328-0206****Phone: 760-786-2374****Fax: 760-7862376****Timbisha Shoshone Tribe****Barbara Durham, Tribal Administrator****P.O. Box 206****Death Valley, CA 92328-0206**

Morongo Band of Mission Indians
Morongo Indian Reservation
Mary Ann Andreas
Chairperson and NAGPRA Coordinator
11581 Potrero Rd.
Banning, CA 92220
Phone: 909-849-7909
Fax: 909-849-4425

Big Pine Paiute Tribe of Owens Valley
Ms. Jessica Bacoch
Chairperson
P.O. Box 700
Big Pine, CA 93513
Phone: 760-938-2003
Fax: 760-938-2942

Lone Pine Paiute Shoshone Tribe
Rachel Joseph, Chairperson
1103 South Main St.
Lone Pine, CA 93545
Phone: 760-876-1034

Fort Independence Community of Paiute
Vernon Miller, Chairperson
P.O. Box 67
Independence, CA 93526
Phone: 760-878-2126
Fax: 760-878-2311

Kaibab Band of Paiute Indians
Kaibab Indian Reservation, Arizona
Ms. Carmen Bradley
Chairperson and NAGPRA Coordinator
Kaibab Paiute Tribal Council
Tribal Affairs Building
HC65, Box 2
Fredonia, AZ 86022
Phone: 928-643-7245
Fax: 928-643-7260

Las Vegas Tribe of Paiute Indians
Las Vegas Indian Colony, Nevada
Mr. Curtis Anderson
Chairperson and NAGPRA Coordinator
Las Vegas Colony
Tribal Council
One Paiute Drive
Las Vegas, NV 89106
Phone: 702-383-3926
Fax: 702-383-4019

Moapa Band of Paiute Indians
Moapa River Indian Reservation, Nevada
Mr. Philbert Swain
Chairperson and NAGPRA Coordinator
Moapa Business Council
P.O. Box 340
Moapa, NV 89025-0340
Phone: 702-865-2787
Fax: 702-865-2875

Twenty-Nine Palms Band of Mission Indians
Mr. Dean Mike
Chairperson and NAGPRA Coordinator
46-200 Harrison Place
Coachella, CA 92236
Phone: 760-775-5566
Fax: 760-775-4639

Appendix I: List of Meeting Attendees

Colorado River Indian Tribes:

Mrs. Betty Cornelius, NAGPRA Coordinator

Ft. Mojave Tribe:

Chad A. Smith, Tribal Archeologist/CR Manager

Moapa Band of Paiute Indians:

Phil Swain, Chairperson

Timbisha Shoshone:

Georgia Kennedy, Acting Chairperson

Bill Helmer, Tribal Historic Preservation Officer

Barbara Durham, Tribal Administrator

Fort Irwin:

Colonel Edward L. Flinn, Deputy Commander and Chief of Staff

Lieutenant Colonel Jeffery S. Ogden, Director of Public Works

Major Michael T. Lawhorn, Public Affairs Office

Captain Chris Belcher, Deputy Public Affairs Officer

Private First Class Sarah Wood, Public Affairs Office

Muhammad Bari, Environmental Division Chief – DPW

Tad Britt, Archeologist, ERDC-CERL

Darrell Gundrum, Archeologist

Robert Horalek, Environmental Attorney

William Quillman, Natural and Cultural Resources Manager

Timothy Reischl, Charis Director of Military Programs

Consultants/Contractors:

David Earle, Ethnohistorian, Earle & Associates

Kimberli Reagan Evans, Certified California Court Reporter

Susan Perlman, Two Rivers Consultants

Craig Smith, Project Manager, TRC

Other

Mr. Cornelius

Appendix J: Meeting Transcript

MANDER REPORTING

Certified Court & Deposition Reporters
14151 Tehachapi Road
Apple Valley, California 92307
(760) 946-3247

The Timbisha Shoshone prefer their name spelled without a hyphen. Regrettably that could not be fixed in this appendix. Their name is shown correctly in the rest of this document. We apologize for the oversight.

FEBRUARY 5, 2003

RE: NATIVE AMERICAN CONSULTATION MEETING
SEPTEMBER 4, 2002
NATIONAL TRAINING CENTER
FORT IRWIN, CALIFORNIA

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THANK YOU.

SINCERELY,

E. Jan Mander

ELINOR "JAN" MANDER
CERTIFIED SHORTHAND REPORTER

<p>NATIONAL TRAINING CENTER</p> <p>FORT IRWIN, CALIFORNIA</p> <p>NATIVE AMERICAN CONSULTATION MEETING</p> <p>WEDNESDAY, SEPTEMBER 4, 2002</p> <p>9:07 A.M. - 3:57 P.M.</p>	<p>Page 3</p> <p>1 MAJ. MICHAEL T. LAHRORN Public Affairs Office</p> <p>2 PFC SARAH WOOD Public Affairs Office</p> <p>3 MUHAMMAD BARI Environmental Division Chief -- DPW</p> <p>4 WILLIAM (MICKY) QUILLMAN Natural & Cultural Resources Manager</p> <p>5 ROBERT HORALEK Environmental Attorney</p> <p>6 TIMOTHY REISCHL Charis Director of Military Programs</p> <p>7 DARRELL GUNDRUM Archaeologist</p> <p>8</p> <p>9</p> <p>10 OTHER INVITED PARTICIPANTS/ATTENDEES</p> <p>11</p> <p>12</p> <p>13</p> <p>14</p> <p>15 SUSAN E. PERLMAN President, Two Rivers Consultants</p> <p>16 TAD BRITT Archaeologist, ERDC-CERL</p> <p>17 DAVID D. EARLE Earle & Associates</p> <p>18 CRAIG S. SMITH Program Manager, TRC</p> <p>19</p> <p>20 REAGAN EVANS California Certified Shorthand Reporter (Independent Contractor)</p> <p>21</p> <p>22</p> <p>23</p> <p>24</p> <p>25</p>
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<p>Page 2</p> <p>1 NATIVE AMERICAN TRIBES/MEMBERS ATTENDING</p> <p>2</p> <p>3 TIMSI-SHA SHOSHONE:</p> <p>4 WILLIAM J. HELMER Tribal Historic Preservation Officer</p> <p>5 GEORGIA KENNEDY Acting Chairperson</p> <p>6 BARBARA DURHAM Tribal Administrator</p> <p>7</p> <p>8</p> <p>9 FT. MOHAVE:</p> <p>10 CHAD A. SMITH Tribal Archaeologist/CR Manager</p> <p>11</p> <p>12 MOAPA BAND OF PAIUTE:</p> <p>13 PHIL SWAIN Chairperson and NAGPRA Coordinator</p> <p>14</p> <p>15 COLORADO RIVER INDIAN TRIBES:</p> <p>16 BETTY CORNELIUS NAGPRA Coordinator</p> <p>17 CLYDE CORNELIUS</p> <p>18</p> <p>19</p> <p>20 FORT IRWIN, NTC, PARTICIPANTS</p> <p>21</p> <p>22 COL. EDWARD L. FLINN Deputy Commander and Chief of Staff</p> <p>23 LTC JEFFERY S. OGDEN Director of Public Works</p> <p>24 CAPTAIN CHRIS BELCHER Deputy Public Affairs Officer</p> <p>25</p>	<p>Page 4</p> <p>1 INDEX</p> <p>2 OPENING REMARKS 5 BY COL. EDWARD L. FLINN</p> <p>3 PRESENTATION 15 BY TIMOTHY REISCHL BY TAD BRITT 51 BY DAVID D. EARLE 87 BY CRAIG SMITH 109</p> <p>6 CLOSING REMARKS</p> <p>7 BY COL. EDWARD L. FLINN 137</p> <p>8 COMMENTS 184</p> <p>9</p> <p>10</p> <p>11</p> <p>12</p> <p>13</p> <p>14</p> <p>15</p> <p>16</p> <p>17</p> <p>18</p> <p>19</p> <p>20</p> <p>21</p> <p>22</p> <p>23</p> <p>24</p> <p>25</p>
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<p>1 NATIONAL TRAINING CENTER 2 FORT IRWIN, CALIFORNIA 3 NATIVE AMERICAN CONSULTATION MEETING 4 5 COL. FLINN: Well, good morning. My name 6 is Col. Flinn. I'm the chief of staff, deputy 7 commander of Fort Irwin and the National Training 8 Center, and I would like to welcome everybody who 9 traveled, welcome you to the National Training 10 Center and for this meeting we're going to have 11 today. 12 On behalf of Brigadier General Joseph F. 13 Fil, Junior, he would like me to extend a warm 14 welcome to everybody and express our appreciation 15 for your commitment to this process. We are honored 16 by your presence and look forward to establishing an 17 open, honest dialogue that's constructive with each 18 of you and your individual nations. 19 We respect the unique and sovereign nature 20 of the tribes you represent. Although we may have 21 different backgrounds, it is important that we 22 acknowledge the things that our cultures have in 23 common. This will serve as the foundation upon 24 which we can build a strong and meaningful and 25 lasting relationship.</p>	<p>1 prepared to deploy, fight and win, support your 2 nation's values. The men and women who train, work 3 and live here, we believe, are the best in the 4 world, and our mission is to make them even better. 5 We know we have a great responsibility to 6 take care of the environment and are very concerned 7 about creating here at Fort Irwin a quality 8 environment that our soldiers, civilians and family 9 members deserve. 10 One of our top priorities is protecting and 11 managing our cultural and natural resources. 12 Keeping that in mind, I would like to take a moment 13 to show you a short introductory video that we show 14 to all the incoming soldiers that come to Fort Irwin 15 and National Training Center as part of their 16 arriving here for their rotational training. This 17 will hopefully show our commitment to maintain and 18 sustain the environment. 19 Tad, show the video. 20 TAD BRITT: Thank you, sir. 21 (The video was shown.) 22 TAD BRITT: This is a video that we show 23 all incoming troops coming here at Fort Irwin to 24 train. It talks about the cultural and natural 25 resources and what they mean. And we address items</p>
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<p>1 I'm going to tell you a little bit of the 2 obvious, kind of as a warmup to what we're going to 3 do today. 4 Throughout our history, Native Americans 5 have made significant contributions to the military 6 service. Your veterans have served with great honor 7 and courage. Until recently, I don't think many 8 Americans really appreciated the contribution that 9 Native Americans have made to the freedoms that this 10 country enjoys, but movies like the recently 11 released "Code Talkers" illustrated how important 12 Native Americans were to the United States military 13 being able to accomplish its mission and really very 14 important to the contributions they made as part of 15 the greatest generation of that generation of 16 Americans that fought in World War II. 17 For their service, 24 Native Americans have 18 earned our country's highest award, the 19 Congressional Medal of Honor. For their service in 20 helping America remain free, we are grateful and 21 proud of their contributions. 22 Today at the National Training Center we 23 train warriors that come here for 14 days of 24 intensive force-on-force and live-fire training as 25 part of our responsibility to train the Army to be</p>	<p>1 such as stewardship and sustainability. 2 COL. FLINN: The tape goes on and covers a 3 couple other things, but what we wanted to show you 4 was what we're doing with the environment, what 5 we're doing with the cultural and natural resources. 6 I want to finish up with my concluding 7 remarks here as we open up today's session, and then 8 I would ask everybody to introduce yourselves. 9 We have an agenda for you on the table. As 10 you can see, we'll discuss the proposed Land 11 Expansion Study, the Native American Cultural 12 Affiliation Study for Fort Irwin and vicinity, Fort 13 Irwin's Archaeological Predictive Model, Fort 14 Irwin's Native American Graves Protection and 15 Repatriation Act standard operating procedure, and a 16 listening session for your concerns or issues. 17 Subject matter experts will present each 18 topic. There will be time for questions and 19 comments at the end of each session. 20 Once again, thank you for your 21 participation and welcome to the National Training 22 Center. We look forward to working with you in the 23 future. 24 And any of the resources that we have at 25 our disposal that you might need assistance with,</p>

1 they are available to you today.

2 So with that, I would like to go around the
3 table. Start with Tad here.

4 And introduce yourself, and tell us what
5 agency you represent.

6 TAD BRITT: My name is Tad Britt. I'm a
7 cultural resource manager. I work for the
8 Department of the Army at a research lab in
9 Champaign, Illinois. I have been working with Fort
10 Irwin here for about two years on a variety of
11 cultural resource projects.

12 My role in this meeting today is I'm a
13 presenter, but I'm also here as a facilitator. And
14 the biggest -- the biggest thing I want to convey
15 today is that I'm here and Susan Perlman are here to
16 help us all better understand Fort Irwin and the
17 Native American concerns. So consider us as a
18 resource. Thank you.

19 WILLIAM HELMER: My name is Bill Helmer.
20 I'm the tribal historic preservation officer and
21 NAGPRA coordinator for the Timbi-sha Shoshone Tribe.

22 BARBARA DURHAM: My name is Barbara Durham.
23 I'm the tribal administrator for the Timbi-sha
24 Shoshone Tribe.

25 GEORGIA KENNEDY: I'm Georgia Kennedy. I'm

1 acting chairperson for the Timbi-sha Shoshone Tribe.

2 BETTY CORNELIUS: I'm Betty Cornelius, and
3 I'm the representative -- the official
4 representative for the Colorado River Indian Tribes.

5 CLYDE CORNELIUS: I'm Clyde Cornelius. And
6 I have nothing to do with this project, but I'm the
7 husband of Mrs. Cornelius.

8 PHIL SWAIN: My name is Phil Swain. I'm
9 chairman of the Moapa Band of Paiutes. I'm here to
10 listen.

11 CHAD SMITH: I'm Chad Smith, the Tribal
12 archaeologist and cultural resource manager. Also a
13 Tribal historic preservation officer of the
14 Ft. Mojave Tribe.

15 And our director and my assistant are
16 unable to attend because of cultural activity back
17 there.

18 But my director is the delegated NAGPRA
19 coordinator for the tribe, and she has delegated me
20 to attend this meeting.

21 CAPTAIN BELCHER: I'm Captain Chris
22 Belcher. I'm the deputy Public Affairs officer.

23 MAJ. LAWHORN: I'm Maj. Mike Lawhorn. I'm
24 the senior Public Affairs officer.

25 LTC OGDEN: LTC Jeff Ogden, Director of

1 Public Works. And the Environmental Division comes
2 under my auspices.

3 MUHAMMAD BARI: I'm Muhammad Bari. I'm
4 chief of the Environmental Division. I work for
5 Col. Ogden.

6 WILLIAM QUILLMAN: I'm Mickey Quillman,
7 Natural & Cultural Resources Manager here at Fort
8 Irwin and the Director of Public Works. I work for
9 Muhammad.

10 ROBERT HORALEK: I'm Bob Horalek. I'm an
11 attorney here, and my specialty right now is
12 environmental law. And Dan and I work for the NTC.

13 TIMOTHY REISCHL: My name is Tim Reischl.
14 I'm a contractor who currently program manages the
15 land expansion.

16 DAVID EARLE: I'm David Earle. I am an
17 anthropologist and a contractor who is undertaking
18 the Cultural Affiliation Study that is going to be
19 carried out in connection with our base expansion
20 work.

21 DARRELL GUNDRUM: Hi. My name is Darrell
22 Gundrum, and I'm the post archaeologist here at Fort
23 Irwin.

24 SUSAN PERLMAN: My name is Susan Perlman.
25 I'm an ethnohistorian. I have a company called Two

1 Rivers Consultants, and I'm assisting Tad with the
2 organization of the meeting.

3 Anything that y'all need, just let me know.

4 TAD BRITT: Sarah.

5 PFC WOOD: I'm PFC Wood, and I'm from the
6 Public Affairs Office.

7 REAGAN EVANS: I'm Reagan Evans. I'm the
8 court reporter for today.

9 COL. FLINN: Okay. With that, I will turn
10 it over to Tad, and he will get the agenda off and
11 running.

12 TAD BRITT: Thank you, Col. Flinn.

13 Before we get started, I would like us all
14 to stand and recite the pledge of allegiance, and I
15 will ask Mr. Smith to lead us in prayer.

16 (Pledge of allegiance.)

17 (Native American Prayer.)

18 TAD BRITT: Thank you, Mr. Smith.

19 Before we get into our presentations, I
20 just want to discuss a few logistics.

21 Food and refreshments are at the back.
22 Feel free to help yourself at any time.

23 Rest rooms are just outside the door to the
24 right in the main foyer of Reggie's.

25 I have all of our invited guests' travel

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1 orders. I'll just hold on to those. And at the
2 conclusion of our field trip tomorrow, Susan and I
3 would like to sit down with y'all. We'll get those
4 filled out, signed so that you don't have to go back
5 and worry about it. We'll take care of them. Get
6 your checks in the mail properly within a week.

7 I've arranged for a late checkout for
8 tomorrow because our field trip will go on until
9 about 12:00. So when we get back from the field
10 trip, we'll meet back at the Landmark Hotel and sit
11 down and do the travel vouchers there. Everybody
12 can be on their way.

13 We've got a few representatives here from
14 Fort Irwin from the Public Affairs Office. They
15 would like your permission to maybe take some
16 photographs and maybe ask some questions or some
17 interviews. We respect your wishes. So they'll
18 consult with you before they do such.

19 I've got a list because tomorrow where
20 we're going is some property that's controlled by
21 NASA. It's Goldstone. We're going to look at a
22 couple of resource sites there.

23 If you're interested in going or plan on
24 going, I need to get your name, position, mailing
25 address, phone and e-mail so we can get this cleared

1 during our breaks -- we'll have a break in the
2 morning and a break in the evening -- to look at
3 these posters. They're very informative about the
4 programs here.

5 Thank you.

6 TIMOTHY REISCHL: Ladies and gentlemen,
7 good morning. My name is Tim Reischl. I am a
8 contractor who works for the Army, and I currently
9 manage the Land Expansion Program.

10 In a former life, I was in the Army, so I
11 can hopefully make some connections between land
12 expansion and training and answer any questions you
13 might have.

14 Honestly, questions are best surfaced when
15 you think of them as opposed to waiting towards the
16 end.

17 It's a complicated subject that we have
18 been working on for a long time. And if I lapse
19 into too much Army speak, please let me know. I'm
20 going to try and make sure that I don't use too many
21 of these strange Army terms in what we do to try and
22 explain what we do here.

23 This is what I would like to talk about for
24 the next 20 or 30 minutes, why we are doing land
25 expansion, what the Congress has done as far as the

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1 through NASA security. This includes everybody at
2 Fort Irwin as well.

3 So anybody and everybody that's going
4 tomorrow, I'm going to pass this list around.

5 And, Susan, if you would, make sure it gets
6 to Darrell. We need to get this filled out this
7 morning.

8 DARRELL GUNDRUM: Tad, if I might say
9 something.

10 The most important thing on that list would
11 be the name. We need a head count and the names of
12 people who are going to the facility.

13 TAD BRITT: Okay. And, again, I just want
14 to reemphasize. If you've got any questions, feel
15 free to come up to me. I'm here to help y'all.

16 So with that, I would like to begin our
17 presentations.

18 Mr. Tim Reischl, he's going to talk about
19 our land expansion. A couple other things I want to
20 point out while he's setting up. These displays
21 deal with the land expansion. These two posters
22 here deal with cultural resources and natural
23 resources. And, again, we have another one on here
24 on natural resources -- cultural resources.

25 If you would take time during lunch or

1 project goes, what the time lines are that we're
2 looking at and hopefully answer any questions you
3 might have about how we are going to proceed.

4 Just a little follow-on from that tape that
5 you saw.

6 Fort Irwin is a very unique installation.
7 It is not a place where a lot of soldiers live and
8 go from that place to somewhere else. A place like
9 Fort Hood that the Army has in Texas has soldiers
10 stationed there had whose mission is to go overseas
11 as the country requires to go fight.

12 Fort Irwin's mission is much different.
13 Established about 1980, started training in 1982,
14 its mission is only to train those soldiers who come
15 from different parts of the country in how to fight.

16 Think of it as a rehearsal or a practice
17 where we try to get soldiers the experience they
18 need so that the first time that they have to go to
19 combat is not something that they've ever seen
20 before.

21 If you think back to episodes in history,
22 before we went to the Normandy Invasion and D-Day,
23 all of the soldiers that were there spent time in
24 England practicing for what they were going to do.

25 Before the North Africa invasion, George

1 Patton was out in Indio with all of his soldiers
2 practicing out there.

3 What we do at Fort Irwin is exactly the
4 same thing. We try and bring units who may have to
5 go to war with leaders who may not be experienced,
6 and we teach them how tough war is and how good they
7 need to be if they are going to go and win if called
8 upon.

9 We try and make this training as difficult
10 as possible for the soldiers because war is
11 difficult. It's confusing. It goes on 24 hours a
12 day. We want them to know just exactly what that's
13 like.

14 To do this, we do currently about ten, what
15 we call a training rotation every year.

16 Each of those rotations is about four to
17 five weeks long. We call it a rotation because a
18 unit starts from wherever that unit is stationed.

19 In this case we have an armored cavalry
20 regiment from Fort Carson, Colorado. It came from
21 Colorado. Has been at Fort Irwin for almost three
22 weeks, and it is out training right now. It will
23 finish its training this week, take another week and
24 then go back to Fort Carson.

25 So we call it a rotation because it

1 warfare. If we go overseas to fight, we can expect
2 the enemy to use chemical warfare on us. The United
3 States does not use, has renounced the use of
4 chemical warfare. So that is an asymmetrical type
5 of operation that we must learn how to fight.

6 Adaptive threats. That's an enemy that is
7 always learning from us. They see what we do.
8 There's the Internet. There's television. There's
9 looking at us. And so we must be able to adapt to
10 what that enemy is going to do.

11 Dispersed. When we trained against the
12 Soviets, the tanks came in big waves, and that's how
13 we fought them. They don't do that anymore.
14 Everything is very dispersed.

15 Unconventional. We don't exactly know how
16 the enemy's going to fight. We have to be able to
17 think, to react to the changing kinds of warfare.
18 So we've designed an Army that uses new units, new
19 tactics, new weapons to fulfill its mission of doing
20 exactly what the national command authority tells us
21 to do.

22 So we have to be prepared to do a wide
23 variety of things.

24 We need an Army that can do all of these
25 things. It can move out quickly. It can get where

1 replicates an overseas deployment of combat soldiers
2 to a mission, the accomplishment of that mission and
3 then the rotation back.

4 I think you've probably all heard and
5 certainly we've all experienced the fact that the
6 world is a changing place. Back -- we were
7 originally started in 1982, and we were supposed to
8 fight -- trained to fight Soviet soldiers on the
9 plains of Europe. That changed in 1989 when the
10 wall came down. It changed again during the Gulf
11 War. And afterward it changed again last year.

12 So the Army has identified that because of
13 this changing world, we have to change the way we
14 train.

15 The worst thing we can do -- and you hear
16 this sometimes -- is you can't train for the last
17 war because the next war is going to be different.

18 So we have embarked on a program of which
19 land expansion is a part to change the Army.

20 What we see is a world that's much
21 different than what we trained in. There's a lot
22 more urban, city-type operations, asymmetrical
23 operations. That merely means an enemy who does
24 something to you that you cannot do back.

25 I will give you an example. Chemical

1 it needs to go. It will probably be overseas. One
2 that is lethal, able to take care of whatever threat
3 it comes in contact with. And it can survive and
4 sustain.

5 NTC's mission in all of that is to develop
6 the units for that Army, provide units and soldiers
7 with an operational experience. Make them see how
8 tough combat is so when they get there, the shock of
9 combat will not be one they can't deal with. So
10 that is what we try to do.

11 So in the modernization program that we are
12 doing to keep the National Training Center able to
13 train the Army to fight and win the Nation's wars,
14 we are changing these number of things. It's
15 virtually every part of the National Training Center
16 is changing so that we can keep up with the needs
17 that the Army has in combat.

18 I'm only going to talk about land
19 expansion, and I'll go into that part of it right
20 now.

21 This is a very key statement. Fort Irwin
22 is the only place that the Army has in the whole
23 world where it can train a whole brigade combat
24 team. That's about 5,000 soldiers. And it is one
25 of our building blocks for combat. It is the only

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1 place where we can do live training of a brigade.
2 That means those 5,000 soldiers actually
3 sit down on the ground exactly in the distances and
4 operate over the areas that they would actually do
5 in combat.

6 There is not another place that the Army
7 has where this training can be done. That is why
8 the Army places so much stock in the training at
9 Fort Irwin.

10 Now, the film said 640,000 acres. That's
11 true. Of those current 640,000 acres, we can use
12 about 350,000 of them for these reasons.

13 We have placed extensive parts of the
14 installation off limits. Basically all of the
15 cultural resources sites, natural resources sites,
16 many places where there are endangered species have
17 been put off limits, and no training is conducted
18 there.

19 NASA Goldstone has about 33,000 acres,
20 which is one of their three sites for controlling
21 space missions. Their other two sites in Spain and
22 in Australia give them the capability to conduct
23 their space mission.

24 So that is a capability that we have to
25 coexist with and ensure that they can do their

1 The proposal that we are working on right
2 now makes this expansion for the National Training
3 Center. It adds a piece on the east of about 50,000
4 acres. It reopens a piece in the center and south
5 of about 22,000 acres. This is not new ground. It
6 is ground that we own right now.

7 On the western side of the reservation, it
8 adds a piece of about 66,000 acres out in this
9 direction.

10 Currently we train in an area that's
11 bounded by this blue line and this red area in here.
12 It's about 350,000 acres for our maneuver training.

13 When we -- when the expansion is complete,
14 all the work is done on it, the expansion -- the
15 expanded boundaries of the National Training Center
16 will give us about 520,000 acres.

17 The areas in which we do not train now,
18 with some exceptions, are largely left undisturbed.

19 The major area that we will train in, that
20 we are asking to train in now, that we don't train
21 in because of environmental reasons, is this area
22 down here, which is Desert Tortoise Critical
23 Habitat.

24 We have been trying to expand since 1986
25 for lots of reasons. I think primarily we didn't

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1 mission.

2 This area up here in Leach Lake is a
3 bombing range. Has been since World War II. We
4 train with the Air Force. And that is an air area
5 that we use to train with live ordnance.

6 Other live fire ranges have cut down the
7 areas.

8 I talked about modernizing the Army. That
9 has driven us to require more land to train units.

10 Back when I was a young man, an armored
11 brigade would come out here and it would start over
12 here at the eastern boundary of the reservation and
13 it would fight against the opposing force. And
14 about three days later it would show up over here.

15 With our new weapons, with our new units,
16 with our new tactics, Third Army Cavalry regimen out
17 in the maneuver area today has the capability to
18 start over here and be on the western boundary about
19 eight hours later. Very simply, our units and
20 capabilities have gotten so much more complex that
21 if we are going to train them to fight right, we
22 need more land.

23 And so about 10 years -- 10 or 12 years ago
24 we embarked on an expansion process to expand the
25 National Training Center.

1 focus the requirement as well as we needed to. We
2 have done a lot of iterations on what to do.

3 Back about 2000 we got some direction from
4 Congress for us in the Department of the Interior to
5 form a -- to formulate a plan to expand the National
6 Training Center.

7 That requirement to formulate that plan was
8 put into legislation that was signed by President
9 Clinton in December of actually 2000, just before he
10 left office.

11 And what it said was, develop a plan, but
12 you must comply with all National Environmental
13 Policy Act and Endangered Species Act provisions.
14 And it also authorized \$75 million to purchase
15 compensation or offset lands to offset those that we
16 are now going to train on.

17 We were required to formulate a plan, which
18 we did. And we are required to complete all the
19 NEPA actions in June of next year, and we are on
20 track to do that.

21 The plan actually went to Congress the 5th
22 of July of last year. It was set in -- the
23 withdrawal area was sent into legislation, and it
24 was signed by the president in January of this year
25 as part of the defense appropriations bill.

1 What this did was withdraw the public land
2 in the area that you saw on the previous map. And
3 you've got some handouts, I think, in front of you
4 that show more of the land in that detail.

5 Does this mean we are training on the land?
6 No.

7 Because of the bill language, we cannot
8 train on the land until all of the NEPA and
9 Endangered Species Act provisions are agreed to and
10 paid for.

11 So currently that land is in a --
12 essentially a caretaker status administered exactly
13 the same as it was when it belonged to the Bureau of
14 Land Management.

15 There are about 12,000 acres within that
16 land, private land. Depending on the decision as to
17 which land we will actually train on, the Army will
18 then -- after permission is given, will buy that
19 private land.

20 We will be using a supplemental
21 Environmental Impact Statement. It is currently in
22 preparation. We believe the draft will be released
23 to the public in January of '03 to do the public
24 comment period, public hearing period before a
25 decision should be made in June of that year -- of

1 National Training Center, but was -- I don't know --
2 beat up, I guess, is a pretty good way to describe
3 it.

4 There are about 50 old mines in just the
5 western sector of the expansion area just by itself.
6 Lots of roads. And we've identified leech sites and
7 things like that that we have to clean up, but we
8 are hopeful that we can get all of that done.

9 Of course, we don't do this by ourselves.
10 Cooperating agencies, Bureau of Land Management from
11 the Department of the Interior, the Air Force from
12 Nellis and Edwards are neighbors. The Navy from
13 China Lake, NASA Goldstone, Federal Aviation
14 Administration. Those are official partners.

15 Of course, we unofficially consult with at
16 least 100 other agencies, as well as we have a
17 private interested party list of about 800 people
18 who get information, and we get feedback from them
19 also.

20 So it's one of these things where we
21 believe in opening disclosure. We don't have
22 anything to hide. We know we have to do the process
23 right. It's a very litigious world. And we need to
24 do it right because it's the right thing to do.

25 BARBARA DURHAM: Is the Death Valley

1 next year.

2 There are three threatened or endangered
3 species that we are dealing with currently. As you
4 see up there, the Mojave ground squirrel is a
5 state-listed species, not federally listed, but we
6 are dealing with it.

7 The Lane Mountain milk vetch plant is
8 federally endangered.

9 And the tortoise is listed as threatened.

10 Lots of studies have to go on as part of
11 the NEPA process. All of these are either ongoing
12 or completed. And they will be referenced in the
13 Environmental Impact Statement that we will use as
14 part of the NEPA process.

15 Lots of other considerations. Recreation,
16 ORVs, the -- a primary power corridor into
17 Los Angeles we have to deal with.

18 There are lots of old mining claims that
19 have to be made safe. There is private land.

20 As far as we know right now, there is one
21 active commercial mine on the east side, and there
22 is one dwelling on the western side.

23 But part of the reason that we picked the
24 land was to minimize the impact on neighbors and
25 take land that was essentially contiguous to the

1 National Park a cooperating agency?

2 TIMOTHY REISCHL: No, they are not. They
3 are an interested party, though, and we have talked
4 to them.

5 Now, I will tell you, though -- and we
6 can -- I'll show you the map in a little bit.

7 The relationship between our northern
8 boundary and the southern boundary of Death Valley
9 has not changed. It is exactly the same.

10 In fact, the area to the north we call the
11 Bowling Alley. I'm sure you're familiar with it.
12 It is in Senator Boxer's wilderness bill as an area
13 to be designated as wilderness.

14 But we -- at this point it is not part of
15 the expansion plan. And we have at this point in
16 time no plans to extend training any farther north
17 than it occurs right now.

18 These are the time lines we are working on.
19 We concluded scoping meetings. We had three of them
20 in the local areas. This was the legislation that I
21 referenced before. It's already been signed.

22 BA is biological assessment. That is about
23 in 80 percent draft stage. That basically addresses
24 the biological impacts of the expansion on the area.

25 When that is complete in November, that

1 will trigger a consultation with Fish & wildlife
2 Service where we will look at mitigation and
3 compensation packages to make sure that we can do
4 the training that we want to train without doing any
5 permanent damage to endangered species populations.

6 What we need to get from Fish & Wildlife
7 Service is what's called a no jeopardy opinion,
8 which means training at Fort Irwin under the
9 expansion, taking into account the mitigation
10 packages, will cause no jeopardy to the continued
11 existence of the endangered species.

12 WILLIAM HELMER: Yeah. What if it's found
13 that it can't be mitigated in terms of the
14 endangered species, that the study shows that it
15 just can't be mitigated? Then what?

16 TIMOTHY REISCHL: Then there are two
17 options.

18 The first one is we don't train there in
19 that area.

20 The second option, under the Endangered
21 Species Act, there is a provision where we can file
22 for what's called a national security exemption,
23 which means the mission -- which means we would have
24 to demonstrate that the mission of Fort Irwin is
25 more important than damage that would be caused.

1 advertised in the newspapers, and it's a time for
2 the public to comment on our proposal.

3 After those public hearings are complete,
4 we take into account all the feedback that we've
5 gotten, finish the Environmental Impact Statement,
6 and then make a decision and publish that decision.

7 WILLIAM HELMER: So is that a 90-day
8 comment period?

9 TIMOTHY REISCHL: The comment period
10 actually goes from January -- excuse me. It goes
11 from January of '03, and we anticipate closing it
12 out in about June. So about five months.

13 Now, when we put the EIS out, we have a Web
14 page that will have it. We will put copies in all
15 public libraries, public places, city halls for
16 people to read.

17 We have -- we will have it on CD if people
18 would like a CD. They just inform us, and we will
19 send them.

20 We will also make complete copies
21 available. Obviously we don't want to do a lot of
22 those. They're about \$100 a piece. But people just
23 have to demonstrate that they need one, and we will
24 send a paper copy of the entire EIS. And we
25 anticipate it will be over 2,000 pages long.

1 And, therefore, we would be exempted from the
2 Endangered Species Act.

3 I'll tell you honestly, the Department of
4 Defense has never filed a national security
5 exemption. And our goal is to have a complete
6 enough mitigation package where it's not required.

7 Those are -- honestly, they are only two
8 options under the law. And we have not been
9 exempted from the law. So either we don't train
10 there or we get a national security exemption to
11 allow us to train there.

12 WILLIAM HELMER: And the area you're
13 talking about is that southern area?

14 TIMOTHY REISCHL: Actually, it's the whole
15 expansion area. And the next slide will -- when I
16 throw this open for questions, I will put it up, and
17 we can answer those questions.

18 But we anticipate the supplemental draft
19 being released to the public January of '03.

20 Sixty days later we will start the public
21 hearings. Currently we have 11 public hearings
22 scheduled. They go as far north as Sacramento and
23 San Francisco, as far south as San Diego, as far
24 east as Las Vegas. But they are Ridgecrest,
25 Barstow, Baker -- put in the Federal Register,

1 Now, after that record of decision, which
2 tells us what we are allowed to do, then we are
3 allowed to complete the mitigation, acquire the
4 land. And what we are looking at timewise is
5 probably not earlier than July of '06 or July of '07
6 that we are -- would be the earliest date that we
7 would be allowed to train. And that's assuming
8 success in all the things that I talked about.

9 There's lots of things that we're working
10 on. Complete the requirements. That mitigation
11 plan that takes into account the threatened and
12 endangered species. We have to work with the Corps
13 of Engineers to acquire the land.

14 Concern is probably a mild word for what
15 the environmental groups think about this. We have
16 had extensive numbers of comments about the plan.

17 Funding. It's about a \$140 million
18 project. And obviously, finally, must be integrated
19 with other modernization plans that are going on.

20 In working through all of these issues, we
21 spent a lot of time thinking about it.

22 I will just tell you that this is one of
23 the alternatives. There are six. If you want to
24 get further information, they're up here, and they
25 are also in a handout, looking at -- we will pick

1 one of these six alternatives. And Alternative
2 No. 6 is called No Action, which means we don't do
3 anything as far as the expansion goes. But it all
4 depends on our ability to mitigate and compensate
5 for what's going to happen when we expand.

6 This is really my last slide. So I would
7 like to open this to questions that you might have
8 on anything. I'm fairly conversant, and Mickey
9 Quillman and Bob Horalek also know lots about this
10 program.

11 Anything I can answer on any part of the
12 project?

13 WILLIAM HELMER: I have one. Yes.

14 Since this is a supplemental EIS, could you
15 explain more of what this supplemental EIS is
16 referencing.

17 TIMOTHY REISCHL: Yes. In 1997, Fort Irwin
18 had a previous expansion plan. That expansion plan
19 envisioned a land expansion of about 330,000 acres,
20 which was essentially this area right here.

21 CHAD SMITH: Is that the Silurian Valley?

22 TIMOTHY REISCHL: It was the Silurian
23 Valley. It went up to the Bowling Alley, took the
24 Avawatz area in here, and went -- actually, it went
25 over Highway 127.

1 We actually put out a draft EIS and had
2 public hearings. As a result of the public hearings
3 and public comments, honestly, we felt like it was
4 not a feasible option. So we essentially shelved
5 that option in 1997 and came up with this plan,
6 which was -- instead of 330,000 acres, which is
7 about 115,000 acres. It is closer to the
8 installation. Serves the needs, and honestly, is
9 not more land than we need, which was one of the
10 things that we were accused of.

11 So this EIS, because we did not want to
12 throw out everything that was done on the previous
13 one, this one will be a supplement to that '97 EIS.
14 But I would emphasize that none of the alternatives
15 in the '97 EIS are currently under consideration.
16 They are in what's called a no longer considered
17 category.

18 This expansion out to the east, except for
19 this piece right in here, is no longer being
20 considered.

21 CHAD SMITH: You say that that DEIS was
22 shelved. You did not go with the no build
23 alternative under the NEPA process and why not?

24 TIMOTHY REISCHL: It was -- simply, it was
25 not completed.

1 CHAD SMITH: Well, I know we see so often
2 in the NEPA process that the undertakings is a
3 foregone conclusion and go out and do some studies
4 that okay it. Like with the Hoover Dam bypass
5 project or the bridge there, which will take out an
6 important sacred site to tribes. And I think it's
7 still hitting about one in 1,000 undertakings
8 through the NEPA process that the no action
9 alternative is chosen.

10 So in the process it seems to me that it
11 would have been better had the process been followed
12 to completion and formally stated through the NEPA
13 process that we're going to go with the no action
14 alternative on this expansion in the Silurian.

15 But also, was the corridor to Twentynine
16 Palms one of the alternatives in that action?

17 TIMOTHY REISCHL: No. There is no -- at
18 the present time there is no consideration of a
19 corridor to Twentynine Palms.

20 CHAD SMITH: But it's only about 30 miles
21 from the southeast corner of the facility?

22 TIMOTHY REISCHL: It crosses two
23 Interstates, two mountain ranges, and there is
24 approximately 5- to 7,000 people who live in
25 between.

1 So...

2 CHAD SMITH: But it was proposed in the
3 past.

4 TIMOTHY REISCHL: It has been proposed, but
5 it's -- you know, this is a \$140 million project.
6 That one would be --

7 CHAD SMITH: 500-?

8 TIMOTHY REISCHL: At least. Because you
9 would just -- of all the people that you would
10 displace and things like that.

11 At the present time there is no work being
12 done on a corridor linking the two.

13 We do -- when we link with Twentynine
14 Palms, we do it electronically or we fly there. We
15 do not envision ground maneuver between the two.

16 CHAD SMITH: Or joint force maneuvers using
17 both facilities?

18 TIMOTHY REISCHL: And, honestly, one reason
19 we didn't -- we believe the need for land expansion
20 has always existed. If we were to close the EIS
21 out, what we would say is, the need for land
22 expansion no longer exists, so there is no action.

23 So that's why the Environmental Impact
24 Statement was not closed out, because the need never
25 went away. We just have had to find or have to find

1 the way to accomplish the requirement that the Army
2 has, which is expanding maneuver training.

3 CHAD SMITH: But there were other factors
4 uncovered through the studies in that DEIS that led
5 to the decision not to expand because those other
6 factors outweighed the value of expanding into that
7 area? That it was in reality a no action
8 alternative that was chosen?

9 TIMOTHY REISCHL: Well, no alternative was
10 chosen. But what the Army essentially believed was
11 its requirements were not -- its requirements, when
12 balanced against the costs of doing that, were not
13 well-served and for lots of obvious -- lots of
14 reasons that now seem obvious.

15 The fact that all of this area has now been
16 proposed for wilderness. The fact that Highway 127
17 would have had to have been cut at several places
18 and underpasses made. And effects on Baker.

19 And from the Army's operational
20 perspective, training out here is a long way from
21 the training base. It becomes very expensive to
22 train out there because you have to drive 50 miles
23 just to get there.

24 The -- all of the alternatives that we are
25 looking at now are a lot more modest in scope, and

1 standards.

2 The other part of it is -- I would tell you
3 is be careful of facts thrown around by people,
4 facts that don't -- one of the reasons that we have
5 not thrown around a lot of numbers is because we
6 want the studies on the street to back up the
7 numbers.

8 20,000 tortoises. Our indications are that
9 there's not 5 percent of that many tortoises here.
10 There are less than 5 percent.

11 CHAD SMITH: Well, that's an estimate of
12 life of use over centuries or for 50 years plus, the
13 potential.

14 TIMOTHY REISCHL: You know, again, be very
15 careful of the rhetoric. And there's a lot of
16 emotion that's flying around on this thing. And
17 what we are trying to do is back up what we say with
18 studies. We've spent a lot of money figuring out
19 exactly what the displaced tortoise population would
20 be.

21 And we believe that we can offset the
22 damage to those number of tortoise by mitigation
23 land which protects ten times that many tortoises.

24 There are mitigation efforts in place, for
25 example, to assist with taking all the grazing

1 they work better with the cost of training, the fact
2 that they are linked to current training areas,
3 things like that. So we believe it's a much better
4 alternative that not only suits the Army's needs,
5 but is environmentally a lot more positive.

6 CHAD SMITH: I understand that air quality
7 is apparent from satellite or particulates from
8 broken ground that's already been impacted and
9 ongoing activities. And that's one of the main
10 points of attack that the environmentalist groups
11 are going to use.

12 And the word is in the environmental
13 community that they're lining up to file suit. Also
14 native tortoises concerns. Many of the tribes have
15 direct concern with the fact that you estimate that
16 it would take up to 20,000-plus tortoises by the
17 expansion.

18 And along the air quality, there will be
19 mitigating activities in the --

20 TIMOTHY REISCHL: We already monitor air
21 quality. We have eight stations now; planning on
22 putting in two more.

23 MUHAMMAD BARI: Six now.

24 TIMOTHY REISCHL: Currently -- correct me
25 if I am wrong, currently we are within the PM-10

1 cattle out of the desert.

2 There are -- there is offset Desert
3 Tortoise Critical Habitat that would now be put
4 into -- into a DWMA, Desert Wildlife Management
5 Area, if you're familiar with that. We have lots of
6 plans to do those kinds of things.

7 And that, coupled with our studies, have
8 indicated that there aren't and never were as many
9 tortoises in the area as many people have said.

10 We believe that we offset the damage that
11 the training is going to do with lots of mitigation
12 and compensation kinds of acts.

13 Honestly, a single rain probably takes more
14 baby desert tortoise than a whole year of our
15 maneuvering.

16 Mickey, do you want to comment?

17 WILLIAM QUILLMAN: The mitigation plans
18 that we have put together, not only for the
19 tortoise, but for the Lane Mountain milk vetch, are
20 very, very comprehensive.

21 One of the people on the Desert Tortoise
22 Recovery Committee, Dr. Dick Tracy out of Reno,
23 actually said in a meeting one time that the best
24 hope for the survival of the tortoise is the
25 expansion of Fort Irwin because of the funds that

1 we're going to provide and mitigation that we're
2 going to use for this tortoise.
3 TIMOTHY REISCHL: And I will tell you that
4 the Army has put more money into tortoise mitigation
5 than anyone else in the desert over the last five
6 years. Literally millions of dollars for studies
7 and barriers and things like that. Because we know
8 we have to train at Fort Irwin, but, therefore, we
9 believe we should help other places. And we spend a
10 lot of money.

11 And I will tell you, I've heard people --
12 if you read the Blue Ribbon Panel Report which was
13 put out a couple of years ago, that piece of
14 literature said that it would be \$400 million to
15 mitigate for the damage to the land expansion.
16 That's one of those numbers that I caution you about
17 watching people throw out.

18 Because the \$75 million that we are
19 proposing has an extraordinary effect on the
20 tortoise. Less -- about \$20 million of that money
21 will put about 240,000 acres of Desert Tortoise
22 Critical Habitat off the table for any development
23 or any tortoise-disrupting activities. That's a lot
24 of land. And that's not even all of the
25 compensation.

1 So we -- you know, we believe and are
2 trying very hard to make sure we do the right thing.
3 And we understand that maneuvers tear up the desert.
4 But as I tried to tell you before, we don't have
5 anywhere else to do it.

6 Do I have any other questions about
7 anything?

8 WILLIAM HELMER: I have another one.

9 If -- what in the draft EIS that came out
10 in '97 is still -- will be referenced as not
11 obsolete?

12 And if there's sections in there that's not
13 obsolete, I don't know, how do you tell the
14 difference?

15 And, third, will that document be available
16 since it -- this one is a supplement for people who
17 need that as a reference?

18 TIMOTHY REISCHL: The draft EIS is
19 currently available on the Web site. You just go up
20 and download whatever part of it you want to read.

21 What we've done is taken the pieces of it
22 that are still valid. And they will be incorporated
23 by reference in the supplemental.

24 For example, the environmental baseline
25 study which was done in '96, what we've done is gone

1 back and got the firm that did the original, and we
2 contracted with them to update the environmental
3 baseline study.

4 So what they did was go back and check
5 places that they had checked before, using that
6 study, and have updated an environmental base plan.

7 Same thing with cultural resources. Air
8 quality has been updated. Those kinds of things.

9 But the entire document will be available
10 to the public. The primary one would be the
11 supplemental. And it will have those pieces of
12 the '96 draft that still are applicable.

13 CHAD SMITH: You're referring to a previous
14 study, a NEPA document for cultural. But as to the
15 current expansion proposal, those lands are going to
16 have an archaeological survey, are they not?

17 TIMOTHY REISCHL: You're going to hear more
18 about it. But we just spent about three-quarters of
19 a million dollars doing a cultural resources survey
20 on the expansion lands.

21 Specifically Tad's going -- Tad's focus
22 will tell you exactly what they did.

23 But we are, in fact, waiting for their
24 results. They're due to us in about mid-September
25 for incorporation. But a new study was done.

1 We didn't just use the old stuff. We took
2 what was still applicable, made sure it was current,
3 and then added lots of other things.

4 We've done a -- the largest study to date
5 on the Lane Mountain milk vetch was done last year.
6 We had 30 people in the desert for three months
7 surveying about 400,000 acres of land for Lane
8 Mountain milk vetch. The population went from 80 to
9 800, to about 15,000, based on what we found out
10 there with those people walking around. We had
11 documented locations and all of those kinds of
12 things.

13 All of those things will be in the EIS.

14 BARBARA DURHAM: Was there any Native
15 Americans involved in the cultural resource study?

16 TAD BRITT: No, ma'am, not yet. Some
17 letters of notification, as well as seeking
18 information, were sent out from the installation to
19 each of your tribes.

20 Darrell can address the response. I don't
21 know.

22 DARRELL GUNDRUM: There hasn't been any up
23 until now.

24 TAD BRITT: But I can get into -- I will
25 get into all of that this afternoon or later this

1 morning.

2 CHAD SMITH: Are you integrating the
3 National Environmental Policy Act with the
4 California Environmental Quality Act that has a
5 greater interaction with tribes? And were there no
6 Native Americans involved going around with these
7 cultural resource inventory archaeological surveys
8 that have already taken place, and why not?

9 TIMOTHY REISCHL: That was two questions.
10 CEQA -- we are using CEQA where CEQA is applicable.
11 As you know, state lands -- these are federal lands.
12 Some places CEQA is not applicable, but we are
13 following the law where it is.

14 The second one, on involvement of Native
15 Americans, I would have to defer. I think to the
16 best of my knowledge, the answer is no.

17 TAD BRITT: Mr. Reischl is correct. It's
18 not required on federal land. And it wasn't done on
19 this project.

20 CHAD SMITH: But there is --

21 TAD BRITT: But the process is not over
22 with, by any means.

23 CHAD SMITH: There is the one point after
24 the graphic study that is underway that could
25 involve some -- a lot of site visits to the areas

1 early.

2 TIMOTHY REISCHL: Any other -- any
3 questions? Any other findings?

4 CHAD SMITH: It may seem that some of my
5 questions or comments are even adversarial towards
6 expansion, but some of the issues that I raised in
7 regard to some of the criticisms of the expansion
8 are what I get through the grapevine, through
9 contacts, people that we work with in the
10 environmental field.

11 And particularly under the present
12 circumstances, it may be indicated by the
13 circumstances that we find ourselves in.

14 But also, the word no is not in the
15 National Historic Preservation Act as to proposed
16 undertakings. And to me, it's just barely in NEPA,
17 as well, with the studies. That sometimes you have
18 to say, well, there's a downside to this, or this is
19 how we're going to address the downside to these.

20 What now the National Historic Preservation
21 Act -- they don't use the word "mitigate" with the
22 amended regulations. Efforts to reduce adverse
23 effect to the cultural, of course, also overall to
24 the environment.

25 So on our side of it is sometimes a painful

1 that have been surveyed.

2 TAD BRITT: Yes, sir. Exactly. And I
3 didn't mean to -- we would encourage Native American
4 participation. This is a process. What we're
5 trying to do now is we sent out letters asking for
6 information, also letting you know that we would be
7 sharing our information with y'all.

8 What we have done up to this point, we have
9 inventoried and are in the process of evaluating
10 24,000 acres. We've identified over 200 sites.
11 Obviously, certain types of sites, we, as
12 archaeologists, no matter how much education we
13 have, don't have the ability to evaluate TCPs and
14 sacred sites. Those are the types of sites we're
15 going to be consulting with y'all on.

16 We certainly want to encourage
17 participation, and we will be sharing our
18 information with you.

19 And, again, I'll get into a lot more detail
20 on this, and our methodology and our reasoning for
21 doing all this will hopefully make better sense to
22 you later this morning.

23 TIMOTHY REISCHL: I apologize. I've run
24 over.

25 TAD BRITT: No. You did good. We started

1 process, to review the multitudes of paperwork and
2 the reports and cite objections from a traditional
3 cultural viewpoint. But in cases with Nellis and
4 Goldwater Range and Via Verde we have often had to
5 comment after our reviews that the studies don't
6 adequately address our concerns.

7 TIMOTHY REISCHL: This is an open process.

8 CHAD SMITH: It's a process itself. Yeah.

9 TIMOTHY REISCHL: We are not interested in
10 finding out objections when the lawsuit is filed. I
11 mean we want to know now.

12 We -- and, honestly, you haven't told me
13 anything that Daniel Panderson hasn't told me and
14 Gary Wiener and all kinds of people. And --

15 CHAD SMITH: As to whether tribes would
16 consider being co-litigants or friends of court in
17 an environmental suit against an expansion or bite
18 the bullet and stay out of it from Native American
19 concerns is what has to be decided back home and our
20 review process and running it by the elders, many of
21 whom are veterans and know what --

22 TIMOTHY REISCHL: Right. We understand.

23 I will tell you, Fort Irwin has 422 -- 426
24 identified cultural sites that we have seen. We are
25 trying to do the right thing. And we believe we can

1 do that.

2 This is just -- this is more opportunity
3 for us to continue with that work. But we have four
4 full-time archaeologists on the post. We built a
5 building to house artifacts that we have collected.
6 We have over 700 boxes of artifacts that have been
7 cataloged, and we can show you that. That's
8 Darrell's life's work is all of that.

9 And I'll just tell you. We are trying to
10 do the right thing. And we're -- and we think we
11 can. We believe enough in the importance of the
12 mission, but we are not mission-focused only. We
13 are trying to take -- trying to take care of
14 everything. That's been the way this place is run
15 and will continue.

16 TAD BRITT: Thank you, Tim.

17 Just a couple of things. I know some of
18 y'all are taking notes. We've got our stenographer
19 taking verbatim everybody's questions and concerns.

20 At the end of this, in about two months,
21 you will -- each of the tribes, not only those of
22 you that are here today, but all the other tribes
23 that we invited will all be getting a report,
24 including all of the transcripts, all of the
25 PowerPoint presentations, information on materials

1 we've got a list. We'll get your names added.

2 I do need to add mine.

3 So with that, let's take a 15-minute break.
4 We'll start back at 10:45, and we'll talk about the
5 Cultural Affiliation Study then. Thank you.

6 (Recess taken from 10:30 a.m. to
7 10:56 a.m.)

8 TAD BRITT: Folks, I would like to get
9 started again. I'm going to bump the agenda a
10 little bit. David Earle was having trouble with the
11 slide projector. This may be fortunate because I'm
12 going to go right into an archaeological predictive
13 model that we've developed to facilitate the land
14 expansion.

15 What I would like to do is just walk you
16 through this, tell you who, what, why, when and
17 where.

18 This is a tool we've developed in concert
19 with Darrell Gundrum and the Fort Irwin
20 archaeological staff to predict -- to be able to
21 better predict archaeological and cultural site
22 favorability.

23 This is a dynamic GIS tool that models
24 existing geomorphic and environmental data in order
25 to predict sites as well as behavior patterns and

1 so that everybody has an opportunity and everybody
2 is looking at the same materials. So just to let
3 y'all know that that will be coming in a couple of
4 months.

5 So thank you. At this time let's take a --
6 Susan.

7 SUSAN PERLMAN: Has everybody had a chance
8 to sign the --

9 TAD BRITT: I haven't.

10 SUSAN PERLMAN: -- field trip sign-up
11 sheet?

12 TAD BRITT: This is for the field trip
13 tomorrow morning. We'll be going by the curation
14 facility. We'll pick everybody up at the Landmark
15 Inn, convoy over to the curations facility.

16 Darrell and his staff will give us a
17 demonstration and tour of his facility.

18 Then we're going to go out into Goldstone,
19 NASA property, and look at some pictograph sites and
20 petroglyph sites and some other cultural sites.

21 We'll be back at the hotel by 12:00 and
22 hopefully have you on your road home by no later
23 than 2 o'clock. So we would love to have you.
24 We'll have food and refreshments.

25 So if you do -- or if you change your mind,

1 their favorabilities across the landscape through
2 time. And we're doing this from a regional
3 perspective.

4 Basically we're looking for where sites are
5 likely to be found, where sites are unlikely to be
6 found. And then more importantly, what methods
7 should be used to optimize site inventory, data
8 recovery efforts.

9 The variable that will be modeled is the
10 archaeological or cultural site. We'll be going --
11 we're looking at all of the cultural sites that have
12 been identified on Fort Irwin, BLM and the
13 surrounding regions.

14 We're going beyond the fence line, so to
15 speak. We're going to take the regional approach
16 because we know the Mojave Desert doesn't stop at
17 the fence lines. Particularly, we know there's a
18 lot of trading routes through here. If we look at a
19 bigger picture, we'll get a lot better idea of some
20 of the types of sites that are going on here at Fort
21 Irwin.

22 Again, we're looking at different types of
23 sites, different ages of sites, different cultural
24 affiliations. We're looking at everything from
25 Clovis, all the way up to recent World War II and

1 Korea War. We're modeling all of these.
2 We're taking a three-dimensional approach.
3 That is, we're looking at sites that are on the
4 surface as well as below the surface and the
5 geomorphic factors. That is, what is the landscape?
6 How does the landscape affect the situation and use
7 of certain locales?

8 Another important thing to do from a
9 management perspective, are there some areas out
10 here at Fort Irwin that we can categorically exclude
11 based on the probability of very little site
12 potential to be there?

13 Those would be places that have either been
14 eroded or there's been some kind of catastrophic or
15 major geomorphic event where sites have either been
16 eroded or possibly deeply buried. These are areas
17 that we know that it's not prudent to look in.

18 We range these sites from -- the
19 probability of these sites from very favorable to
20 very low probability for favorability.

21 Now, the legal drivers for this predictive
22 model is the National Historic Preservation Act as
23 well as the National Environmental Policy Act.
24 Those are the laws.

25 The spirit of the law we'd like to take a

1 little bit further when we talk about things such as
2 stewardship. This is managing and devoting the
3 proper treatment and respect of the resources for
4 long-term management. Key to that is
5 sustainability. That allows us to plan and
6 prioritize our management strategies.

7 Again, we go beyond the fence line
8 mentality on this. It's like, what's going on in
9 the surrounding area? How do our sites tell us more
10 about what's going on in the Mojave Desert?

11 We feel that this strategy, this predictive
12 model is a proactive approach. It's going to be --
13 it's going to be more cost-effective as well as time
14 efficient to develop these tools to manage these
15 cultural resources.

16 And, finally, because it's GIS
17 computer-based technology, it facilitates well and
18 works well with existing computerized programs here
19 at Fort Irwin, such as the Integrated Cultural
20 Resource Management Plan, the Natural Resource
21 Management Plan, the Mojave Desert Ecosystem
22 Project, Fort Irwin's cultural resource database,
23 ITAM, range control, DPW, et cetera, you know, as
24 well as California historic resource inventory.

25 Work has begun. We started last August.

1 We'll finish up with the final report in May of
2 2003. We've already developed the prototype. We've
3 collected all the GIS data, multiple layers of data
4 from Fort Irwin, as well as the Mojave Desert
5 Ecosystem Project, ITAM, Charis, Crest data.

6 We've actually gone back in because a lot
7 of the problems with the data that were collected 5
8 or 10 or 15 years ago, they didn't have GPSs. Their
9 locational data was not that accurate. So we've
10 gone back in and taken a sample of 100 sites,
11 validated that. That is our control sample. And
12 those are from sites that have previously been
13 identified on Fort Irwin.

14 Then we've also gone out and looked at the
15 same 100 sites and characterized them with
16 geomorphic landform sampling.

17 And two other individuals that are working
18 with us on this is Marilyn Ruiz. She's a Ph.D. GIS
19 cartographer from the University of Illinois. As
20 well as Dr. Eric McDonald. He is the desert --
21 Mojave Desert geomorphologist.

22 Dr. McDonald has been out here four or five
23 times this summer, collecting data, as well as
24 looking at sites once they have been identified.

25 Here at Fort Irwin the biggest missing

1 component is the geomorphology. And not only does
2 it have benefits for cultural resources, but natural
3 resources, as well, because based on the landforms
4 and types of soils available, we can better predict
5 where endangered and threatened species may be
6 likely to occur, as well as protect those areas.

7 As Mr. Reischl has already pointed out, the
8 existing holdings are 642,000 acres. We've
9 withdrawn 113,000 acres from BLM. Total acquisition
10 is ultimately going to be about 775,000 acres.

11 This is the area that we're using for our
12 predictive model, but we're also, again, going
13 beyond the fence lines, looking at the area of
14 potential effect, about a 10- to 15-kilometer radius
15 outside of the project -- of the NTC.

16 This is a map you've seen already. You've
17 got the Avawatz area here. You've got basically
18 three areas of expansion. This is the Avawatz.
19 This corridor here is the Power Line. The area over
20 there is the Superior Valley.

21 Just kind of a status of knowledge, when we
22 began this project at the beginning of the summer,
23 27 percent of the site had been surveyed. A total
24 of 618 cultural sites have been identified on Fort
25 Irwin. Of those, 25 have been determined as

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1 significant, that is, eligible for the National
2 Register of Historic Places.

3 By far, the large majority, almost 500
4 are -- have not been formally evaluated. These are
5 sites that we're going to be looking at in the next
6 couple of years to determine their significance with
7 respect to the National Historic Preservation Act.

8 And we've already got 81 sites that are
9 clearly not eligible. No further management or
10 treatment is afforded those sites. And then, again,
11 we've got 14 sites with just minimal or inconclusive
12 data.

13 Those and the 498 we're going to be looking
14 at in the next couple of years to evaluate.

15 Kind of a breakdown of the prehistoric
16 sites. We've got 27 rock art and rock-shelter
17 sites. Lithic reduction and lithic scatter is by
18 far the most numerous, 479 sites. And then we've
19 got 131 habitation sites.

20 We've also got a fair number and a variety
21 of historic sites. We've got everything from
22 homesteads to mines, to historic trails and roads.
23 We've got the Mormon Trail, the Old Spanish Trail
24 here on the base. And a lot of these sites may have
25 multiple components.

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1 These are the sites from NTC proper that
2 have been recorded just to give you an idea of the
3 distribution. 618 sites there. We don't have the
4 data for the Superior, Avawatz and Power Line up
5 yet. Surveys are almost complete. We've got a lot
6 of information, but we just don't have it in
7 PowerPoint.

8 Areas that have been surveyed in Superior,
9 9 percent of that area of the 600 -- almost 63,000
10 acres have been previously surveyed. 17 percent of
11 the Power Line has been previously surveyed. And 21
12 percent of the Avawatz area has been previously
13 surveyed.

14 For compliance perspectives for the
15 supplemental EIS, we've agreed, based on the
16 proposed impacts -- which I'll show you in a
17 minute -- that are going to take place here at Fort
18 Irwin, we've determined that just for this document
19 we need to do 25 percent coverage in the Power Line
20 and Avawatz area, which is -- that would bring us up
21 to 25 percent. So we're looking at about 2,600
22 acres in those two areas. Those surveys have been
23 completed.

24 And then the large majority, because the
25 Superior is going to be subjected to more

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1 substantial impacts of the proposed maneuvers, we've
2 agreed to recommend that we sample 50 percent of
3 that area. I'll show you the maps and the areas
4 that we're going to look at here in just a minute.

5 This is the proposed impact map. As you
6 can see, there's moderate impacts here in the
7 Avawatz, none in the Power Line, and then we've got
8 some high end moderate over in the Superior. That's
9 what we based our recommended coverages on.

10 Now, for the variables in the predictive
11 model. The deep-ended variable is the cultural
12 resource site, the archaeological site. Those are
13 positioned on the landscape based on a variety of
14 factors. And these are the factors, the way we've
15 broken them down and we are analyzing them, are, for
16 instance, soil characteristics.

17 What is the average water content of that
18 soil? What is the capacity of that soil to collect
19 and retain moisture? That's going to be a big
20 determining factor for prehistoric sites.

21 Depth to bedrock as well as soil texture.

22 Then we look at the landform and geology.

23 We look at the composition. What is it composed of?

24 What are the predominant rocks, and what type of
25 landform is it on? I'll show you some examples here

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1 in a minute.

2 Then we look at the terrain. We look at
3 things such as the slope, aspect and elevation.

4 Another important thing as we look, is that
5 we know 8,000 years ago there was -- this was a much
6 more conducive environment. There was more water.
7 The lakes held water longer parts of the year. So
8 we look at distances between lakes and springs.

9 Other data that we're incorporating into
10 our model are the 1-meter digital orthophotoquads as
11 well as digital elevation models. We've got the
12 Fort Irwin cultural resource database.

13 Darrell will show us -- give us a
14 demonstration of that tomorrow. It's basically a
15 spreadsheet, computerized spreadsheet, that has 79
16 different categories of classifications for
17 categorizing cultural resource sites. Everything
18 from slope, aspect -- everything we've talked about
19 this morning. But there are 79 different
20 categories, the way we can classify those sites,
21 based on type, age, chronology, types of artifacts,
22 elevation, you name it. It's that data that we use
23 to put into the predictive model.

24 We're also taking into account the training
25 compartments as well as Fort Irwin boundaries. What

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1 are they going to be doing at Fort Irwin? Again,
 2 we're taking in the California Historic Inventory
 3 database from the sites surrounding Fort Irwin.
 4 Then, most importantly, we're taking into
 5 account the biases, both methodological and
 6 environmental.
 7 As I mentioned, the environment has changed
 8 dramatically over the last 8,000 years. And, again,
 9 that affects the way humans have interacted with the
 10 resources here on the land. And it changes their
 11 subsistence patterns.
 12 But more importantly is the methodological
 13 biases. This has probably been the biggest headache
 14 for us developing this model because the BLM owned
 15 the property, the Superior and Avawatz. When they
 16 had their archaeologists do surveys, they used a
 17 different set of standards for defining a site than
 18 what Fort Irwin did.
 19 The biggest problem we have had is cleaning
 20 up -- looking at that data, cleaning it up, making
 21 our definition of a site match what their
 22 definition -- or making the two -- making their
 23 definitions fit Fort Irwin's definitions. That's
 24 been very trying, but it's -- it's necessary.
 25 You've got to clean up the data so that you can be

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1 looking at apples and apples instead of apples and
 2 oranges.
 3 So that's very important that we look at
 4 those and, as well --
 5 Yes, sir.
 6 PHIL SWAIN: Can you stand over there so we
 7 can see.
 8 TAD BRITT: Is this better?
 9 PHIL SWAIN: For me. Now I can see.
 10 TAD BRITT: Tell you what. Let me grab a
 11 chair, and I'll sit down.
 12 How is this?
 13 PHIL SWAIN: That's great.
 14 TAD BRITT: The geomorphologist,
 15 Dr. McDonald, has been out here. He's done a
 16 thorough literature of records review as well as the
 17 surrounding regions. As I said, he is the desert
 18 geomorphologist expert.
 19 He's conducted reconnaissance at our
 20 control sites. He's got a good baseline for
 21 reference for the types of deposition and geology
 22 that we may encounter out here.
 23 And he's devised -- more importantly, he's
 24 devised a system for classifying what he sees in the
 25 field so it's a standardized system. He takes his

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1 forms when he goes to one site and uses the same set
 2 of forms for another type of site so at the end we
 3 can do an analysis and, again, we've got a
 4 cross-reference.
 5 These are the types of things he's looking
 6 at. Those items highlighted in red are the
 7 observations that the archaeologists are recording
 8 in the field. Those are things such as artifact
 9 type, the aspect and slope on the landscape, surface
 10 type.
 11 Out here we've got a lot of ancient
 12 surfaces that go back thousands -- tens of thousands
 13 of years that haven't changed typically or
 14 characterized by desert pavements. Desert pavements
 15 tend to develop a patina, real dark patina
 16 manganese.
 17 And that tells us some idea -- even if you
 18 find a lithic scatter, in order to diagnose these
 19 artifacts, you can look at the color of those
 20 artifacts. If they have been affected by the heat,
 21 they tend to turn red. That gives us some
 22 indication on the age.
 23 He also looks at all of these other
 24 variables when he's out in the field.
 25 This is an example of the way that the

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1 geomorphologists would map the landscape. The image
 2 on the right looks -- the mountains look pretty much
 3 the same. But as you can tell, going from top to
 4 bottom, you're looking at limestone, volcanic rocks,
 5 granitic rocks, and then quartz rocks.
 6 This is the detail that the geomorphologist
 7 brings to this project that the archaeologist is not
 8 trained to observe.
 9 And, again, we've seen real close
 10 correlations to prehistoric habitation sites to this
 11 quartz monzonite. It's one of our preliminary
 12 conclusions that has not been observed out here yet.
 13 CHAD SMITH: Are those dotted lines faults?
 14 TAD BRITT: Are you talking about right
 15 here?
 16 CHAD SMITH: Yeah.
 17 TAD BRITT: It looks like a fault.
 18 CHAD SMITH: East/west?
 19 TAD BRITT: Oh. I don't know.
 20 CHAD SMITH: Monzonite has an "o" instead
 21 of an "a."
 22 TAD BRITT: Thank you. I'll correct Eric
 23 when I got back. Thank you.
 24 This is, again, what Eric calls cartoon.
 25 This is -- basically this bottom image here are the

1 fluvial Lake Mojave. These are the lakes that were
2 formed by rains tens of thousands of years ago.

3 The last major peak was about 13,000 years
4 ago. And then, of course, every couple of thousand
5 years we get a large influx of rain, and the lakes
6 are very deep.

7 But, of course, as you see, as we get more
8 up to modern time, things are getting drier. These
9 two images here show how landforms are formed and
10 how they corresponded into lakes over time.

11 The water, the rainwater and the wind
12 affect the way that the sands are being redeposited
13 out here.

14 This is a preliminary classification of the
15 types of landforms we've got at Fort Irwin, as well
16 as the expansion areas. The two major landforms we
17 have are -- this kind of brownish beige color is
18 erosional highlands. And then the green is bajada
19 as well as older alluvials across. Those are the
20 more dominant geomorphic landforms out here.

21 The two types of methods that we're using
22 are chi-square, kind of descriptive, doing some
23 geostatistical as well as map overlays to produce
24 the favorability maps. And then we're doing
25 parametric methods, such as logistical regression.

1 Again, this allows us to create a probability map of
2 site locations based on these types of analyses.

3 Again, we've constructed the model. We've
4 taken our 100 percent sample and we go out and we
5 field-verify these 100. This will be our control
6 group.

7 This is where the archaeologists are
8 looking in the Avawatz area. These areas here that
9 are crosshatched are previously surveyed areas.
10 They were done kilometer by half a kilometer.
11 Typically oriented north/south.

12 What we did is to get our 25 percent of
13 this area, we analyzed this and determined that we
14 needed 14 blocks. And we actually pieced a couple
15 of these together to get our blocks.

16 Then the colors within those blocks reflect
17 the geomorphologist's interpretations of potential
18 for buried sites.

19 One important thing that I do want to
20 mention, that as far as I know, that all surveys
21 that have been conducted at Fort Irwin have all been
22 pedestrian surveys.

23 When the archaeologists find a site on a
24 pedestrian survey, they typically don't do any
25 subsurface sampling to see if they're intact

1 deposits. That's a different strategy we're trying
2 here.

3 This inventory that we're doing is that
4 we're looking for buried site potential, and we're
5 looking in those areas regardless if we find
6 artifacts or not.

7 Obviously if we do find an artifact, we put
8 several tests or excavation units at all of those
9 locations. And, yes, we are finding sites that are
10 buried out here.

11 So, again, this is a new approach that has
12 not been employed previously at Fort Irwin. And we
13 are certainly encouraged by the results. And
14 bringing on the geomorphologist has been a real
15 boost to understanding the archaeology out here.

16 These are the sample survey blocks for the
17 Superior. We're doing 178. Again, the crosshatched
18 ones are the ones that have been previously surveyed
19 by earlier inventories. These blocks, all of the
20 different color blocks, are the ones that we are
21 looking at during this current inventory.

22 The color ranges from low to medium, to
23 high. We've actually got -- our highest
24 probabilities are around the Superior Lake bed. And
25 then we've also got a high probability over here.

1 Last Friday one of the crew members
2 recovered a Clovis point -- that's the earliest
3 known projectile point in North America -- recovered
4 it from this area.

5 The geomorphologists are going back out
6 there to look at the sites once they have been
7 identified. They open up excavation units. They
8 look at -- they examine them together. Obviously
9 we're looking at -- recording two different types of
10 data. But they complement one another very well.

11 Got a lot of gold -- I'm sorry. Up in the
12 Goldstone area, town of Goldstone, we've got a lot
13 of mines up there, a lot of homesteads around the
14 base of Superior. And there is military from either
15 World War II or the Korea War all over this entire
16 area. So we're getting a lot of varied
17 archaeological sites and artifacts from this area.

18 These are some maps that we produced based
19 on the preliminary data that we got; we cleaned up.
20 The dark green is the highest. This is prehistoric
21 site favorability. We had very little -- very low
22 potential in the Avawatz. We found a rock -- we
23 found two rock-shelters there that were cultural
24 material.

25 We're going to be going back and evaluating

1 those sites. The remainder were prehistoric lithic
2 scatters on desert pavements that have been there
3 for many thousands of years. No deposition to the
4 artifacts.

5 So we've got two sites there we want to
6 test. None in the Power Line. No newly identified
7 sites there. And then we've got some sites --
8 obviously some sites that we're going to be testing
9 in the Superior.

10 And Mr. Smith is coming in this afternoon,
11 our contractor that is doing these surveys -- will
12 tell you more about the results of this survey and
13 evaluation.

14 Yes, sir.

15 CHAD SMITH: When you say test, you mean
16 the shovel test, not the formal excavation unit?

17 TAD BRITT: No, sir. Let me clarify that.

18 What I've tasked our contractors to do is
19 to inventory and evaluate all sites they encounter
20 as one effort. Typically they come out, they
21 inventory, they write a report, they come back, they
22 evaluate.

23 We felt that it would be much more
24 cost-effective and time-efficient to do that as one
25 effort. And it's -- they're basically -- we're

1 didn't come from the immediate area.

2 And the Mojaves at least feel that under
3 NAGPRA, those items should be returned to the site
4 where they were removed from and that the tribes
5 should have been notified that, hey, Whitley wants
6 to go there and excavate the base of these
7 petroglyph panels. And do you have any comments
8 about us allowing him to do this?

9 But he taught -- well, he did have carte
10 blanche from various installations and BLM to do
11 such things. And we want the opportunity to comment
12 before he gets to go do it because often it would be
13 that he shouldn't be allowed to.

14 TAD BRITT: Okay. I understand your
15 concerns.

16 Again, that was something that was done
17 before a lot of us were here. I understand it is
18 still a concern, and repatriation of those objects
19 is something that we want to address. And we can
20 address the specifics of notification and what
21 constitutes notification this afternoon. Let's
22 please bring that back up.

23 Yes, ma'am.

24 BARBARA DURHAM: Do I understand that you
25 are doing radiocarbon testing?

1 doing -- we're doing shovel tests. We're also doing
2 one-by-one hand excavation units. We've got
3 mechanical excavations if necessary.

4 We're collecting radiocarbon dates, as well
5 as thermoluminescence dates.

6 We're doing this, and this will all be
7 combined into one report, which will be appended to
8 the DEIS as well as the SEIS. And we'll be sending
9 you the preliminary information here in a couple of
10 months.

11 CHAD SMITH: We're going to need
12 notification in advance of ground-disturbing
13 activities in the nature of testing as a corollary
14 to ARPA. And the DOD doesn't have to issue ARPA
15 permits, but under Army guidelines in the Army
16 regulations is specifically stated tribes will be
17 notified of issuance of permission to excavate.

18 TAD BRITT: Okay. Well, let's make -- can
19 you make a note of that, and we'll come back and
20 revisit that this afternoon.

21 CHAD SMITH: Because this has led to other
22 things, more academic research-oriented excavation
23 at Sally's Rockshelter by David Whitley that
24 involved the taking and curation of these medicine
25 stones, these ^^ white quartz hammerstones that

1 TAD BRITT: On charcoal, on -- yes, ma'am.

2 On certain types of objects we are doing radiocarbon
3 testing.

4 BARBARA DURHAM: What constitutes a site?

5 TAD BRITT: A site is 20 or more -- correct
6 me if I am wrong here -- 20 or more culturally
7 related artifacts within a 10-meter radius.

8 WILLIAM HELMER: What's the BLM -- you're
9 saying there's a difference between --

10 TAD BRITT: California -- for those of you
11 who have done CRM in California, there are no
12 clear -- they have a definition for a site. And
13 then they said, well, if it's this, this and this --
14 in other words, there is no clear definition.

15 So what Fort Irwin has done -- and this is
16 the -- I guess what's best for the Army is they have
17 defined their own definitions of what a site is,
18 what a site isn't, what an isolated find is.

19 These have been put into the Integrated
20 Cultural Resource Management Plan. And those are
21 the definitions that we use at Fort Irwin.

22 Again, I was going back -- when I mentioned
23 earlier the BLM had different definitions for sites,
24 different surveys at different -- under different
25 leadership at Fort Irwin also had different

1 definitions for sites.

2 So one of our biggest challenges for this
3 predictive model is to go back in and -- making a
4 consistent definition of what a site is and what it
5 isn't.

6 WILLIAM HELMER: What's the BLM definition
7 of the site?

8 TAD BRITT: I don't know.

9 WILLIAM HELMER: In California, it didn't
10 seem that unclear to me. I've done archaeology in
11 California --

12 TAD BRITT: Okay.

13 WILLIAM HELMER: -- and they -- it was
14 more -- I think the last time I'd looked, something
15 like seven flakes or one tool and three flakes
16 within a 30-meter radius, rather than this, would
17 be --

18 TAD BRITT: Well, I didn't define the
19 classifications. Those are just the classifications
20 we have been given to go by --

21 WILLIAM HELMER: Uh-huh. To go by. Okay.

22 TAD BRITT: -- to use for Fort Irwin.

23 The federal agencies have some latitude on
24 how they manage their cultural resources. It's a
25 lot different than just a private -- you know, a

1 data to see, do they fit -- in essence, we
2 reclassify them. We don't tell the State that. We
3 take those data, and we use that data to fit our
4 model. We don't necessarily reclassify -- if the
5 State or the BLM calls it a site, that's fine. But
6 for our purposes for analysis, we may rename it or
7 reclassify it for the predictive model.

8 WILLIAM HELMER: Whether it's a site or
9 not.

10 TAD BRITT: Right. Whether or not it fits
11 a site under our definition just so we can do the
12 analysis.

13 WILLIAM HELMER: Okay.

14 TAD BRITT: But that is a big problem. We
15 acknowledge that.

16 But these are some maps. This is historic
17 site favorability. You see a lot of sites up here
18 in Goldstone. These are mines that -- again, dark
19 green on all of these show the high probability.

20 And these are going to change a lot once we
21 complete our survey. We're doing almost 25,000
22 acres of inventory and evaluation. We've probably
23 identified over 300 new sites, probably 1,000
24 isolated finds.

25 Again, Mr. Smith will talk about that

1 state agency or something like that. And those are
2 the parameters that we were given. Those are the
3 ones that best fit Fort Irwin's needs. So...

4 WILLIAM HELMER: I was just wondering,
5 since you're in the -- near the BLM areas, if
6 you're -- Fort Irwin is doing that, say, in the
7 Superior Valley, but BLM, are they still using the
8 Imap form, or does anybody know?

9 The -- which is another --

10 TAD BRITT: We're not getting our data from
11 BLM. We're getting our data from CREST system, the
12 California -- from San Bernardino, the regional
13 center. So we're, you know, trying to be consistent
14 with as much of the data as we can. And so,
15 therefore, we're going -- that's our clearinghouse
16 for data that's outside of the Fort Irwin and
17 expansion areas.

18 WILLIAM HELMER: Yeah. I could -- there
19 might be some problems if there's a site -- if you
20 get off the Fort Irwin survey and then you're on BLM
21 land and then they have another site. And then if
22 you have, you know, state land or somebody using the
23 California state system, which might be slightly
24 different from BLM.

25 TAD BRITT: Yeah. Well, we look at those

1 tonight.

2 This is just a blowup of the Superior
3 Valley area. Again, you've got real high
4 probability for the Superior Lake. And these, I
5 believe, are little streams coming into the
6 Superior.

7 And we've got -- like I said, we've got
8 some good data from over in here, a lot of
9 prehistoric sites. Getting ceramics. Some pretty
10 exciting --

11 What's interesting to note, the Superior
12 represents one extreme of the Mojave Desert that's a
13 dynamic, changing, kind of evolving component of the
14 Mojave Desert. And on the other extreme you have
15 the Avawatz, totally different extreme. It's very
16 stable. It's been there for thousands of years, and
17 it's probably going to be there for thousands of
18 years. The landform hasn't changed a whole lot.

19 So it gives us the whole range right here
20 at Fort Irwin. Looking at these two areas, it gives
21 us the whole range of what we might expect in the
22 Mojave Desert.

23 Then, finally, this is the model's
24 performance up to this point. We're finding that 48
25 percent of the habitation sites occur in 7 percent

1 of the areas found within Fort Irwin. That is, that
2 they're highly localized to certain geographical and
3 geomorphic landforms.

4 And, again, these correspond -- rock art.
5 Again, you're going to find certain types of stone,
6 the salt. Again, 44 percent occur in a very small
7 area here at Fort Irwin, the expansion.

8 Lithic sites. It's a little -- very low
9 number. And they -- this is not a real good
10 representation. They basically occur anywhere and
11 everywhere.

12 And then historic sites, again, are very
13 localized. Majority of them occur in a very small
14 area here at Fort Irwin.

15 Again, these are our recommendations that
16 we made at the beginning, was to proceed with this
17 as quickly as possible. We want to inventory and
18 evaluate as one effort. We feel that we could get
19 better information quicker, and it's much more
20 cost-effective to do it this way. You've got one
21 report to review.

22 We're following the guidelines of the
23 predictive model. We're following the research
24 objectives on the Fort Irwin Integrated Cultural
25 Resource Plan. We're also addressing research

1 own management and treatment plan for these small
2 lithic scatters.

3 And, yes, we're pretty much in agreement
4 that the information that they contain is limited.
5 And they're typically not significant or eligible
6 for the national register.

7 What we are learning from this survey is
8 that we are being better able to collect new
9 information because of the geomorphologists.
10 They're training the archaeologists to look at
11 things such as the degree of desert pavement, the
12 degree of patination. Are these artifacts -- when
13 they pick them up, there's a rubification on the
14 underside of these artifacts that tells you a lot
15 about the age and how long those artifacts have been
16 on that surface.

17 So, yes, we are getting -- actually, we're
18 getting more information. But probably if there are
19 no diagnostic tools or any kind of dateable material
20 associated with those, the management's
21 recommendation will probably be that they're
22 insignificant.

23 CHAD SMITH: Similar approach.

24 DARRELL GUNDRUM: Very, very --

25 TAD BRITT: Although I'm not familiar with

1 questions in the California Historic Preservation
2 Plan.

3 And that is the end of my presentation.
4 I'm certainly open to questions.

5 And Mr. Smith will -- we'll come back to
6 these this afternoon if that's okay with you. I
7 want to try to keep on our schedule.

8 CHAD SMITH: You're integrating the
9 approach to the small, limited activity, low side of
10 the lithic scatters through the care adapt approach
11 under the California Historical Preservation Plan?

12 TAD BRITT: I'm not familiar with care
13 adapt.

14 CHAD SMITH: That in general they are not
15 national register eligible. They're limited
16 activity, local stuff.

17 TAD BRITT: Yes, sir. I understand what
18 you're saying.

19 And pretty much from what I -- that is our
20 approach here.

21 Is that correct, Darrell?

22 We don't adhere to the care adapt approach
23 because -- what I was saying is that Fort Irwin does
24 not adhere to the care adapt approach for managing
25 the small lithic scatters because Fort Irwin has its

1 that approach, but from what you're telling me, I
2 would agree.

3 DARRELL GUNDRUM: If I can add for a
4 second.

5 Even the small lithic scatters under the
6 care adapt program, if it's on desert pavement, are
7 not required to subsurface test. Then the
8 evaluation that's going on in the land expansion
9 area, even with the small lithic scatters, if they
10 are on desert pavement, we are still shovel-testing
11 them just to make sure that the deposits are
12 shallow.

13 So it is even a little more intensive of
14 what we're doing versus the care adapt standards.
15 But it's the similar -- similar idea.

16 Every site we find out there in the
17 expansion area we're going to evaluate them to see
18 if they're significant or not.

19 BARBARA DURHAM: Darrell, are these
20 artifacts being collected or just being recorded?

21 TAD BRITT: They're being collected.

22 BARBARA DURHAM: I kind of find that
23 disturbing, that this is taking place without
24 consultation. I mean the Timbi-sha people probably
25 passed through this area and traded with neighboring

1 tribes, and I think it was probably a joint area
2 that was used by the Native Americans. And I just
3 find that disturbing, that they're being collected.

4 TAD BRITT: We appreciate your concerns.
5 And that's certainly why we invited you here, is to
6 hear those. That's something -- make a note of
7 that. We want to talk about that this afternoon as
8 well.

9 WILLIAM HELMER: Are they curated on site
10 here --

11 TAD BRITT: They're curated here. You will
12 see the curation facilities tomorrow.

13 I know the BLM doesn't collect artifacts.
14 Fort Irwin's approach is different. That doesn't
15 mean that we're locked into anything. We certainly
16 would like to hear your side of the story and what
17 your wishes and concerns are. And hopefully we can
18 agree to proper treatment.

19 That's our objective here today, is to help
20 us better -- my job is to help y'all understand
21 their program, as well as to help them understand
22 your concerns.

23 BETTY CORNELIUS: If they have been
24 collecting, how many years has it been, you know,
25 from the beginning to now? Has it been -- because I

1 in-house, yeah. We do surveys in-house, report
2 archaeological sites, prepare archaeological site
3 record forms, submit them to the State -- the
4 archaeological record forms to the SHPO, to the
5 information center here in San Bernardino County for
6 trinomial assignment.

7 We have larger projects here at the
8 installation which we contract out to private
9 cultural resource management firms. If there are
10 sites that we need to evaluate or have testing done
11 at, we would likely contract that work out.

12 BARBARA DURHAM: Have you found grave
13 sites?

14 DARRELL GUNDRUM: Not yet. There's one
15 site -- actually, it was recorded during the late
16 1970s. And notification letters were sent out to
17 several tribes. Actually, Chad, I believe, at
18 Ft. Mojave received letters. Colorado River Indian
19 Tribe received letters of a potential cremation
20 burial here at Fort Irwin.

21 And this was found in the Drinkwater Basin
22 right adjacent to the Drinkwater Lake. There was a
23 little bit of human -- we don't know if it was human
24 bone, but there was a little bit of bone found. At
25 that time nobody knew if it was human or not.

1 know --

2 TAD BRITT: Since the 1980s?

3 DARRELL GUNDRUM: We have archaeological
4 collections primarily since we became the National
5 Training Center in 1980, about 20 years.

6 The policy at Fort Irwin is to preserve
7 sites and see to it as much as possible. What we
8 collect on the base here is we're reporting sites if
9 there's projectile points.

10 In order to record the sites, we document
11 the locations of where those finds are, collect
12 those things.

13 Our general policy is to leave sites in
14 situ, in care of the installation. But we need to
15 evaluate them for significance for the national
16 register. If they are not eligible, then nothing
17 further is required, treatment of those sites or
18 protection. If they are eligible, then our general
19 policy is not to excavate them, but leave them in.

20 BETTY CORNELIUS: And the archaeologist
21 does all the documentation of these, whatever they
22 are picking up?

23 DARRELL GUNDRUM: Of the sites?

24 BETTY CORNELIUS: Yeah.

25 DARRELL GUNDRUM: For stuff that we do

1 We notified the tribes, and the responses
2 we had back were it could be potentially cremation
3 burial. The installation agreed to treat it as
4 such, and that's one area that we have fenced as off
5 limits.

6 It was never conclusively shown to be
7 human, but it was a possibility that it was. And
8 that's one instance where, you know, we consulted
9 early 1980s with some of the tribes in the region,
10 and it was felt that it would be best just to fence
11 off that area and protect it. And it's protected
12 today.

13 BARBARA DURHAM: That's the only site?

14 DARRELL GUNDRUM: That's the only site we
15 know of.

16 BARBARA DURHAM: The rest are just
17 artifacts?

18 DARRELL GUNDRUM: Most of the sites we have
19 at Fort Irwin are small lithic scatters that Chad
20 alluded to. About 46 percent of our sites end up
21 being small lithic scatters. We'll see those
22 tomorrow on the field trip.

23 Some of these are nothing more than 2 or 3
24 flakes, 7 flakes, 20 artifacts maybe scattered over
25 the size of this room. Other sites are several

1 kilometers big. They're rather large. But
2 generally the predominant sites we have here is
3 lithic production stations or lithic scatters.

4 BETTY CORNELIUS: So there's no way that
5 you guys or, you know, Fort Irwin personnel and the
6 archaeology department, that they can declare an
7 item a NAGPRA item, right? I mean who --

8 DARRELL GUNDRUM: It's not for us to
9 declare if it's a NAGPRA item or not. That's one of
10 the reasons we invited y'all here today, is we need
11 to discuss what items you feel fall under the NAGPRA
12 act.

13 We have a collection summary that was done
14 in 1996, I believe. We have a copy of that report.
15 We can certainly make that available to all of your
16 tribes.

17 It's really -- that's something I think is
18 pretty clear under NAGPRA. It's not for us to
19 decide. It's for all of you to see what you feel
20 about some of these items.

21 Generally, though, in the collections we
22 have no human remains, no human bones. Most of what
23 we have are flakes and debitage, just lithic
24 reduction artifacts.

25 BETTY CORNELIUS: well, I see traditional

1 you to take back, and we could start that. And
2 certainly you could review the collections that we
3 have and decide if there are any items that fall
4 under NAGPRA.

5 TAD BRITT: Could -- I don't mean to cut
6 you off, but I want to get back on the agenda.

7 We're going to be talking about NAGPRA and
8 our standard operating procedures in-depth this
9 afternoon, and then we'll have an opportunity to
10 discuss whatever we want for a couple of hours this
11 afternoon as well.

12 So to keep us back on the agenda, I'm going
13 to turn it over now to Mr. David Earle. He's an
14 anthropologist, cultural anthropologist. He's done
15 a lot of work in the Mojave Desert. He's been
16 brought on board to help us with the Cultural
17 Affiliation Study.

18 He's going to give you the preliminary
19 results, his methodological approach and then be
20 talking to y'all about maybe setting up some
21 interview times later.

22 I apologize for the heat. We're going to
23 be making every attempt possible to make this more
24 comfortable this afternoon.

25 DAVID EARLE: Thanks, Tad.

1 elders, you know, remove this stuff over at your
2 curation facility. So there's probably a
3 recommendation or possibility recommendation,
4 though, that we have traditional committee for the
5 NAGPRA.

6 So I don't know, you know, if there was any
7 funding for a NAGPRA committee, you know, using
8 traditional people, but that would probably be their
9 next step, you know, is to get this viewed
10 immediately because they have been stored for 20
11 years.

12 DARRELL GUNDRUM: Uh-huh.

13 What we have is you'll see -- well, you're
14 coming tomorrow.

15 We can show you the artifact collection we
16 do have at the curation facility.

17 We do have an inventory of all the sites
18 for work that has been done in the last 20 years.
19 Any contract work that was done here at the
20 installation, contractors returned that material
21 back to Fort Irwin, and we have it stored in a
22 climate-controlled room. It's all been inventoried.

23 We had the collection summary work prepared
24 a couple years ago. It would be a good idea, I
25 guess, if we provide copies of that report to all of

1 First of all, I would like to kind of
2 emphasize that the portion of the project that I'm
3 working on hopefully will involve all of you folks
4 who have been kind enough to come on over here to
5 Fort Irwin and get involved in this whole process.

6 The Cultural Affiliation Study has got
7 several objectives. Our approach is fairly
8 straightforward. The focus of the cultural
9 affiliation portion of our effort here is focused
10 primarily on the period of maybe the last 300 years
11 or so of Native activity and occupation or use of
12 the Fort Irwin area.

13 Now, it's very important to keep in mind
14 that Fort Irwin, a little bit like Edwards Air Force
15 Base, is something that we sometimes call the kind
16 of hole in the ethnographic donut.

17 This means that there are areas where
18 various Native groups were based that were sometimes
19 found on the periphery of the military installation
20 itself. And that often places like Edwards or Fort
21 Irwin at certain periods of time in the past were
22 used by a group or a number of groups perhaps on a
23 somewhat seasonal or temporary basis.

24 We often will find core areas of Native
25 settlement that are located a little ways away from

1 the military installation itself.

2 One of the things that this means is that a
3 project of this kind that is aimed at giving an
4 adequate picture of how Native groups, families,
5 communities or larger groups were using a particular
6 area like Fort Irwin, this has to be a regional
7 rather than installation focus sort of study because
8 the groups we are interested in were occupying a
9 much larger area than portions of the installation
10 itself.

11 And a lot of the processes, like trade
12 interaction between different groups, migration and
13 historic events that have occurred in the last 300
14 years in this part of the desert, these are not all
15 necessarily going on inside the base boundary.
16 There are a lot of things that have gone on in this
17 part of the desert.

18 For instance, the use of the Mojave River
19 corridor, that had a real impact on activities right
20 here on the base. But, of course, the lower and
21 upper Mojave Rivers are not within the base
22 boundaries.

23 But we have to have a kind of a wider focus
24 in order to look at what's going on inside the
25 boundaries of our installation here.

1 Now, we're interested in occupation and
2 settlement, any kind of indications of what groups
3 or possibly family groups may have been using the
4 base area, and any indications of population levels.

5 Obviously economic use of the region is
6 something that's always of interest to
7 archaeologists because they often can kind of get a
8 handle on things like subsistence, ways that Native
9 groups are making a living in a particular area.

10 But we're also interested in kinship
11 arrangements, social organization and religious
12 practices.

13 The issue of religious practices is
14 particularly important, of course, because disposal
15 of the dead, funerary rights, these kinds of
16 cultural practices are core aspects of the way of
17 life of these groups.

18 They're also important as Native
19 communities and archaeologists and environmental
20 managers work together to deal with issues such as
21 repatriation of both human remains and of
22 religiously significant objects through mechanisms
23 such as NAGPRA.

24 So this issue of social and religious life
25 is also a very important aspect of the study.

1 And one of our issues of interest here --

2 TAD BRITT: Dave, excuse me. Could you
3 tilt your screen down just a little bit.

4 DAVID EARLE: One of the principal purposes
5 of the study is to identify what are called
6 traditional cultural properties. And there is a
7 definition that's used within federal cultural
8 resource management that includes archaeological
9 sites, sacred sites, places of cultural
10 significance, recognized by an existing cultural
11 group. And that is of significance to them.

12 There has been, as you all probably know, a
13 debate in recent years over the issue of the
14 discovery of archaeological sites, for instance,
15 that a particular group may not have previously been
16 aware of.

17 In the case of a specific site, let's say,
18 maybe in the southwest a kiva that had existed in
19 the past and for various reasons was -- the location
20 of which was not known to a particular Native
21 community. But, of course, the kiva as a
22 representation or a representative element of the
23 religious practice of a particular group would be
24 important to them, whether or not they had
25 previously been aware of the existence of a

1 particular kiva in a particular location.

2 So the interpretation of traditional
3 cultural properties does include locations. It
4 might be something like a cave containing rock art
5 that is newly discovered. That would be considered
6 to be a place of cultural significance to a
7 community, whether or not the community had
8 previously been aware of the fact that that cave
9 existed in a particular location and had rock art in
10 it.

11 Now, in addition to traditional cultural
12 properties, also there are natural resources that
13 may be of interest to Native communities.

14 Here in California, in many areas of
15 California, of course, basketry materials are
16 important to Native communities. And locations on
17 federal land, for instance, where particular types
18 of basketry materials are available may be the
19 object of both interest and discussion or
20 consultation between managers of federal lands and
21 Native communities.

22 So these natural resources are things that
23 the affiliation study will want to document where
24 these may occur on base, what are the types of
25 natural resources that were traditionally important

1 to Native communities, how these were used.

2 Now, in addition, the study will attempt to
3 identify other types of cultural resources. These
4 would include, for instance, camp or village sites'
5 special use areas. Also, there may be -- and this,
6 in fact, has occurred -- information contained in
7 archival sources -- and I'll be getting to those in
8 a minute -- that may identify sacred sites or places
9 of religious significance for particular Native
10 communities.

11 Now, our sources that are being used for
12 the project include three principal types of -- or
13 categories of information.

14 First of all, there is documentation. And
15 what we mean by that, written records, particularly
16 from the -- dating from the 18th and 19th centuries
17 that deal with not only Fort Irwin itself, but the
18 surrounding areas of the Mojave Desert.

19 And these -- this historic documentation
20 begins in the mid 1770s. And because of
21 particularly the importance of the Mojave River as a
22 travel corridor, beginning very early on -- in fact,
23 in the 1770s with the travels of Father Garces, the
24 traffic of non-Native people through this region
25 early in the nineteenth century begins to be

1 And through the reminiscences of her
2 husband, George Laird, Isabel Kelly has collected
3 information -- there are field notes that she
4 collected in the early '30s that are now at UC
5 Berkley that have very interesting information
6 directly relevant to the Fort Irwin area.

7 And the work of Julian Steward in -- among
8 the Shoshone and Southern Paiute is relevant.

9 Maurice Zigmond worked with the Kawaiisu or
10 Nuooah in the Tehachapis. And they ended up having
11 quite a debate about the status of an area,
12 including Fort Irwin, who was living here. Their
13 field notes are very helpful in working on this
14 problem of occupation of Fort Irwin during the last
15 200 years. Also Stephen Cappannari.

16 Now, in addition, a critical part of the
17 project is the development of a program of
18 collaboration with Native communities and Native
19 people who may be able to provide commentary and
20 information about places and resources of cultural
21 significance.

22 Particularly important here would be
23 providing information about both traditional
24 cultural properties that may be of current interest
25 to Native communities and also the identification of

1 significant. And there's a good deal of information
2 that can be gleaned from travelers' accounts.

3 Later on mining. Occasional military
4 expeditions during the era of Mexican rule. And by
5 the 1830s, we have caravans that are traveling the
6 Old Spanish Trail. All of these left a paper trail.
7 And it's possible today to find some really quite
8 surprisingly useful information about Native life in
9 this area in the 19th century in many of these
10 sources.

11 Newspapers, for instance, connected with
12 mining operations here in the Mojave Desert is a
13 source that has sometimes been neglected, just to
14 cite an example.

15 Now, another important source and perhaps
16 the core area of information of a historic kind that
17 we're working with in this project is commentary
18 provided by Native elders to anthropologists and
19 other interested researchers, particularly beginning
20 at the beginning of the 20th century.

21 We did have information collected by Powell
22 in the 1870s, but later on, after about 1900,
23 Kroeber, John Harrington and his wife, Carobeth
24 Laird, who did -- collected very useful information
25 on the Chemehuevi.

1 sacred sites.

2 One of the elements of all of this that's
3 very important for the Fort Irwin area is the fact
4 that we have got groups who may have been
5 historically located quite a distance away from the
6 Fort Irwin area, but who use this area or traveled
7 through it.

8 One of the examples I always think of,
9 given that I live in the Antelope Valley, we have an
10 area in the west part of the valley, northwest part
11 of the valley, near the road up to Tehachapi where
12 there appears to have been a place mentioned in
13 Mojave oral literature as a sacred place.

14 We're a long, long way away from the
15 Colorado River, but, for example, both Chemehuevis
16 and Mojaves had places that were sacred to them that
17 they would have visited that were often located some
18 distance away from the core areas that they had
19 settled in the 18th and 19th century. And this
20 certainly could turn out to be the case here at Fort
21 Irwin as well.

22 I'm just going to quickly show you a few of
23 the slides here and discuss a little bit this issue
24 of how the area was being used.

25 And one of the things we keep in mind here,

1 looking, for instance, at rainfall, we have a kind
2 of an ethnic frontier just to the east of us that
3 existed in the late 18th century. That we could --

4 DARRELL GUNDRUM: I'm sorry. David, is
5 there a length on the cord? Is it possible for you
6 to stand off to the side here, or we can change the
7 slide for you?

8 DAVID EARLE: See how this does.

9 This area right here, just to the east of
10 us, that was a kind of a frontier zone between
11 area -- core areas of Chemehuevi occupation in this
12 area and Serranos and other topic speakers down
13 here.

14 What is important with this map is that you
15 can see areas of higher altitude that had
16 particularly important resources that Native groups
17 in this part of the Mojave Desert could utilize. It
18 was a great importance of being able to work upward
19 and downward in an area, for instance, like in the
20 Providence Mountains where there are springs at high
21 altitude.

22 And different groups could use resources
23 located either on desert floors or in mountain areas
24 at different times of year.

25 The issue of rainfall over the short term

1 missionization in Southern California and the fact
2 that groups located in the deep desert and certainly
3 Fort Irwin would fit that definition with their
4 reliance on a range of different environments, from
5 playas, to high mountain areas.

6 This is the Providence Mountains.

7 Their use of a range of different
8 environmental zones.

9 Under these circumstances, this kind of
10 intermediate area here, south of Death Valley, was
11 one of different groups using the region. And in
12 this particularly low and arid area here there was
13 kind of a frontier between a number of different
14 groups, crosscut by a trade corridor running down
15 the Mojave River and over towards the Colorado.

16 After the 1820s, there were a series of
17 events that happened in the Mojave Desert,
18 particularly the abandonment of Serrano villages in
19 this, the upper Mojave River, parts of the Antelope
20 Valley, and gradually a migration of a number of
21 other groups, particularly Chemehuevis and Southern
22 Paiutes. Some Kawaiisu living in the Tehachapis
23 also moving southward even into what is now Angeles
24 National Forest.

25 But a number of areas that had not

1 in the last 300 years is really important. Our
2 study of Native use of this region is focusing on
3 some of the climate changes that have occurred
4 during this period.

5 Short-term droughts. And we now have
6 fairly reliable data for the last 3- or 400 years on
7 the local occurrence of these kinds of events.

8 Also important in the history of the area
9 is, as I've mentioned before, the Mojave River as a
10 cultural and trade corridor. And this was one of
11 the circumstances that helped shape the occupation
12 and use of the Fort Irwin area, which lies to the
13 north of this section of the Mojave River.

14 And we do have pretty reliable information
15 beginning in the 1770s about where various groups
16 were located in the Mojave Desert.

17 This is a carving left by Francisco Garces
18 in 1776 in the Antelope Valley.

19 And I'm going to just quickly go through a
20 few more of these, but I wanted just to discuss a
21 little bit this issue of some of the longer term
22 changes in population location that we find in the
23 Mojave Desert from the 1770s until, let's say, about
24 1900.

25 These were affected by the process of

1 traditionally been occupied by groups and families
2 living in the deep desert end up by the era of the
3 Civil War or later, moving into new areas.

4 This phenomenon, I think, is one of the
5 things that Julian Steward was looking at when he
6 was doing his research in the 1930s, although he
7 didn't necessarily understand the historical
8 background of what was going on.

9 Some people have criticized his work on the
10 basis that the kinds of economic activities that the
11 people -- Native people he worked with were doing in
12 the 1930s were probably not traditional and affected
13 by working on local ranches or other non-Native
14 economic enterprises.

15 I have been, to the contrary, very
16 surprised to discover with work I've done recently,
17 and also with this project, that right up through
18 the end of the 19th century, in a number of
19 locations in the Mojave Desert, we find communities.

20 And I could cite an example of a Chemehuevi
21 community living in Palmdale or right outside
22 Palmdale in 1890 who were following a very
23 traditional way of life, using traditional food
24 processing, hunting and plant-gathering. They were
25 not simply attached to local ranches or mining

1 operations, but were continuing a very traditional
2 way of life.

3 One of the things that the study will help
4 determine is to what extent was this sort of thing
5 going on in the Fort Irwin area at quite a late
6 date.

7 But I want, in wrapping up, to reiterate
8 and emphasize that it is certainly our wish and
9 intention that we be able to work with Native people
10 and Native communities to gather information that
11 will help contribute to this affiliation study.

12 Are there questions?

13 CHAD SMITH: A lot, but we will address
14 those through the course of consultation just that
15 much of the ethnography done is at variance with
16 Mojave culture and history.

17 And we don't refer to them as trade
18 routes, but transportation corridors because Vision
19 Quest and military expeditions and other things took
20 place.

21 DAVID EARLE: Oh, yeah. And that's an
22 important point.

23 There is perhaps a tendency for -- if
24 you're looking at sites dating from 6- -- 5- or 600
25 years ago on the Mojave River corridor for

1 archaeologists to phrase things in that way.

2 The point you're making is really good.
3 And one of the -- there certainly are a number of
4 interesting issues involved here.

5 I'm currently doing a project on the Buena
6 Vista Lake area, and there are very extensive
7 contacts there even as late as the 1830s and '40s of
8 yokus villages with the Mojaves. And obviously this
9 is not simply a trade issue. There are fiesta
10 considerations that are going on here, a whole
11 series of social interactions that are going on.

12 One of the things I also might want to
13 mention, that reconstructing things like marriage
14 patterns and the operation of fiesta systems is
15 something that is really important to this kind of
16 work.

17 And, generally speaking, we really need to
18 have ethnohistorical work done in California that
19 focuses a lot more on the fiesta systems as a core
20 element in ways of life and not so much emphasis
21 maybe on purely economic kinds of behaviors.

22 Hopefully archaeologists will be able to
23 find a way of operationalizing that for dealing with
24 prehistoric sites and so on.

25 Any other comments? Everyone looks like

1 they're really primed for a little bit of lunch
2 here.

3 WILLIAM HELMER: Is this going to be
4 discussed in the afternoon as well? Or is this --

5 DAVID EARLE: There are issues, for
6 instance, traditional cultural properties and that
7 sort of thing.

8 WILLIAM HELMER: In terms of consultation
9 and your effort that we could talk about more?

10 DAVID EARLE: Yeah.

11 TAD BRITT: Mr. Earle won't be here this
12 afternoon, but we can --

13 WILLIAM HELMER: Oh, you're not going to be
14 here this afternoon.

15 DAVID EARLE: But I will be -- what is
16 going to happen, we're going to kind of get the ball
17 rolling here with this. But as kind of a local
18 desert dweller, I certainly will be available in
19 person or otherwise to be getting in touch with
20 everybody.

21 WILLIAM HELMER: You'll be contacting,
22 doing formal letters to tribes about this project?

23 DAVID EARLE: Well, we will, but we'll also
24 be doing it informal.

25 TAD BRITT: It will probably be coming from

1 the installation. Mr. Earle is a contractor to the
2 installation.

3 Any letters or any additional letters will
4 be coming from the installation.

5 WILLIAM HELMER: How do you --

6 DAVID EARLE: But I will be --

7 TAD BRITT: He's working on behalf of the
8 installation.

9 WILLIAM HELMER: Can we get your card or
10 something?

11 DAVID EARLE: Yeah.

12 WILLIAM HELMER: Just real quick question.
13 Does this go into the 20th century?

14 DAVID EARLE: It will be, yeah.

15 WILLIAM HELMER: Okay. Because I thought
16 it said just to the 18th and 19th. But it's through
17 the 20th century?

18 DAVID EARLE: Yeah. And particularly there
19 are a whole series of issues having to do with
20 interpretation of ethnographic data that people have
21 provided in the 20th century.

22 WILLIAM HELMER: What's the main purpose of
23 this study? Is it keyed to the land expansion? Or
24 is that where the funding comes from? What's the
25 purpose?

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1 DAVID EARLE: Well, it's keyed to the land
2 expansion, but it's also keyed to longer term
3 management issues, I think it would be fair to say.

4 TAD BRITT: Yeah. It's just we don't --
5 Fort Irwin, they don't know where to begin the
6 consultation process other than the tribes that
7 we've invited, the 14 tribes.

8 We just -- the picture is incomplete on the
9 prehistory. And that's what we're trying to do, is
10 to conduct the study so that we have a better
11 understanding of who we need to consult with, as
12 well as just a general understanding of what
13 happened here. This will allow the cultural
14 resource manager to have a more effective program in
15 the future.

16 WILLIAM HELMER: It's keyed to NAGPRA
17 issues as well?

18 TAD BRITT: It's keyed to NHPA, NEPA,
19 NAGPRA, ARPA. Any kind of laws that pertain to the
20 DOD and Native American, it's integral to all of
21 those.

22 DAVID EARLE: And it also has the purpose
23 of providing, you might say, some ethnographic
24 insight that will be useful in allowing
25 archaeologists to interpret what is going on here

1 answer them, I'll get him to get an answer and get
2 back in touch with you.

3 Thank you.

4 (The proceedings were adjourned for
5 noon recess at 12:14 p.m.)
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1 both in prehistoric times and earlier. There's some
2 basic import.

3 TAD BRITT: It's going to benefit the
4 government, benefit the Native Americans, benefit
5 those people that have interest in the Mojave
6 Desert. It's got multiple benefits, and it's going
7 to be a collaborative process.

8 WILLIAM HELMER: And you mentioned
9 something about interviews before?

10 TAD BRITT: Yes, sir. Mr. Earle will be
11 contacting y'all, appropriate tribal elders,
12 appropriate tribal representatives to discuss his
13 findings, as well as to record oral histories if
14 those -- you know, that you're willing to share.

15 Yes, ma'am.

16 BETTY CORNELIUS: Is that going to be
17 called the ethnographic study?

18 TAD BRITT: We're not locked into any
19 certain terms here, ma'am. We call it an oral
20 tradition, ethnographic study. I don't really have
21 a problem with what we call it. But that's -- in
22 essence, that's what it will be.

23 With that, why don't we break for lunch.
24 We can revisit any of these issues. I'll be happy
25 to record any questions for Mr. Earle. If I can't

1 WEDNESDAY, SEPTEMBER 4, 2002
2 1:02 P.M.

3 TAD BRITT: Well, it seems to have cooled
4 off a little bit more since this morning, and the
5 fan is on now.

6 What we'd like to discuss this afternoon,
7 as we're back on track -- we're going to have
8 Mr. Craig Smith, project manager for the
9 Archaeological Inventory and Evaluation Study that's
10 ongoing, I was talking to you about a little bit
11 this morning.

12 He's going to provide a little bit more
13 detail and more results of what they have identified
14 and evaluated to date, what they lack.

15 And we're also going -- after that we're
16 going to have some concluding comments from
17 Col. Flinn. He's got to leave. He's got another
18 appointment this afternoon.

19 We'll take a short break, and then we will
20 discuss -- I'll give a briefing on the NAGPRA
21 standard operating procedures.

22 After that we will have -- we'll open up
23 the floor for any questions, comments and concerns
24 that our invited guests may have. We'll also
25 revisit some of the issues that we made note of this

1 morning.

2 I do have one request. Kimberli is having
3 a hard time hearing everyone. She may either -- ask
4 you to speak a little bit louder when you ask a
5 question or respond. If not, we may ask you to come
6 up to the microphone.

7 So with that, we'll turn it over to
8 Mr. Smith and let him get started.

9 CRAIG SMITH: Well, as he said, my name is
10 Craig Smith, and I work with TRC, which is the
11 company that we have been contracted with CERL to
12 complete the archaeological inventory and testing
13 and geomorphic studies out there in the expansion
14 areas.

15 As you probably have gone over already
16 today, there's three parts of the area. There's
17 three study areas: the Avawatz, the Power Line and
18 Superior Valley.

19 The Avawatz, we did 19 study blocks, which
20 were 124 acres apiece, totaling 2,356 acres, which
21 is about 25 percent of the entire Avawatz area,
22 study area.

23 And then in the Power Line area we did four
24 blocks, which is also 25 percent.

25 And then Superior Valley, where we have

1 types in the area.

2 If they don't meet that criteria, then we
3 record them as isolated artifacts.

4 We record isolated artifacts by filling out
5 a two-page California form and photographing them
6 and taking a reading with the GPS unit with the UTM's
7 for that exact spot.

8 So all the isolated artifacts will have
9 locational information so later we can put it in the
10 GIS system and have plots of where all the various
11 different kinds of artifacts and other materials are
12 found.

13 Sites are more extensively recorded. We
14 record it on the California site form. And they're
15 photographed. And we map them using the GPS unit,
16 map the site boundaries and any significant features
17 within it. And they're also -- we also photograph
18 them.

19 And in addition to recording, we test all
20 the sites to see if there's any subsurface remains
21 present. Every site gets at least one shovel test.
22 And if the shovel test encounters some
23 archaeological material subsurface, then we space
24 other shovel tests out from that until they are
25 negative so we can get an idea of the boundary of

1 been directing most of our efforts in the past
2 month, is 178 study blocks, totaling 22,000 acres.

3 I just want to go over some of the methods
4 that we have been using in our work out there.

5 Each of the study -- 124-acre study blocks
6 is walked by archaeologists spaced 15 meters apart,
7 50 feet apart. And we use GPS units to find the
8 first corner of the block.

9 Then we walk east/west or north/south
10 across it, back and forth, using the GPS unit to
11 know exactly where we are when we hit the edge of
12 the block. We do that until we get to the last
13 corner so we know exactly where we are on doing this
14 inventory.

15 A few years ago before there was the GPS
16 units, it would have been very difficult to do this
17 inventory, especially in the more flat areas because
18 you would never know exactly where you are.

19 But with this technology, we're able to
20 know, you know, within a submeter where we are.

21 Out there we record the sites and isolate
22 artifacts. Isolate artifacts are -- well, it's not
23 a site. And a site as defined for the purpose of
24 this study is more than 20 artifacts in a 10-meter
25 radius area, significant features or three artifact

1 the site subsurface.

2 In addition to Native American remains and
3 Euro-American remains, we're also recording all the
4 military remains out there. And in some areas we
5 have been finding quite a bit of remains, like
6 foxholes and shells and other miscellaneous -- sea
7 rations and so forth out there.

8 And those, we're recording the UTM
9 coordinates of it, so we'll have a plot of where the
10 activities in the past have occurred out there,
11 military.

12 The Avawatz study area, the first one we
13 looked at in the first part of the summer consisted
14 of, you know, 2,356 acres. And we found a total of
15 68 sites out in that area. Two of them are
16 rock-shelters. 64 of them are prehistoric where
17 just flaking debris are found, flakes and so forth;
18 and two are historic mine sites. And also, in
19 addition, we found 120 isolated artifacts.

20 Okay. Out there in Avawatz, most sites
21 are -- except for the rock-shelter, sites were found
22 mostly in the desert pavement area where you can see
23 there, it's kind of a photograph of the desert
24 pavement.

25 And on this desert pavement we found flakes

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<p>1 and cores. And most of them are kind of a few 2 scatter of flakes with individual napping (phon.) 3 areas where someone sat down and flaked a stone 4 tool, and these were recorded. But they're 5 scattered across this desert pavement. 6 Here's another picture of the desert 7 pavement and then recording a site out there on the 8 desert pavement. 9 And then this is a picture of one of the 10 rock-shelters that was found. It was found up in 11 the northern area of the study area. It is in 12 limestone, and it's about 25 meters across. And it 13 faces to the south. 14 Here is a picture of the inside of it. 15 We -- up to this point we've dug seven shovel tests 16 in it and have found some charcoal and some flaking 17 debris and some bone there. 18 And, also, in Shovel Test 2 we found the 19 remains of a feature that consisted of -- kind of 20 diffuse feature that consisted of charcoal. 21 And then here is another photograph of the 22 rock-shelter. 23 And the Power Line study area here is a 24 very small study area, only four study blocks. And 25 we did not find any sites there.</p>	<p>1 1,500 isolated artifacts out there. 2 And I didn't put it on the slide, but we 3 also found about 1,700 instances of military remains 4 as well. 5 TAD BRITT: Those were in addition to the 6 isolated -- 7 CRAIG SMITH: Yeah. Uh-huh. You can just 8 see the man with the paperwork. Each of these 9 isolated artifacts require two sheets of paper. So 10 right there that's 3,000 sheets of paper, 11 photographs. 12 And what's going to be the most interesting 13 part is the plot of them on all the GIS and the maps 14 showing the distribution of different kinds of 15 isolated artifacts. And also the military remains 16 all have locational information, too, so those will 17 all be plotted so we can see a distribution of 18 previous use by the military. 19 Okay. Now I'm just going to go through a 20 few of the different kinds of sites we have found 21 out there and different locations of these sites. 22 I tried to put a map up of the study area 23 to try to show you, but I might point up to this map 24 over there. 25 This is a huge site complex that was found</p>
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<p>1 Superior Valley study area is where we have 2 been focusing most of our attention, of course, 3 because it's 22,000 acres of inventory, and we 4 didn't get a chance to start this until the late 5 part of July. 6 So in August we've had 40 archaeologists 7 out there, broken up into 10 or 11 crews. And we 8 had 10 -- you know, that mean GPS units out there 9 and that many cameras and everything out there 10 walking. And we're not quite finished with it yet. 11 They're out there as we speak recording sites. 12 We've -- as of last week we've walked all 13 the acres. And now we're going back and recording 14 the last hundred or so sites that we still have left 15 to record. 16 Right now we have eight to nine crews out 17 there recording sites and another crew doing some 18 more testing of some site in some areas off the 19 sites to see what's below the surface. 20 We found approximately 234 sites. That 21 number will change slightly after we finish 22 recording all the sites. But it's around there. 23 And 162 of them are prehistoric and 72 are 24 historic Euro-American sites. 25 And on top of all the sites, we have found</p>	<p>1 along the south and east shores of Superior Lake, 2 all along here, it goes on for several miles along 3 the -- just along the edge of the lake on the 4 southeast side there. 5 As you can see here, there's an old beach 6 ridge that was formed when there was water in the 7 lake, and our geomorphologist says that there was 8 water the last time really in this lake 8,000 years 9 ago. 10 So this beach stand here was formed at 11 least 8,000 years ago. And all the artifacts occur 12 on the surface there. And according to the 13 geomorphologist, they also occur below the surface, 14 but they're in kind of a mixed context. 15 And, also, there's a scatter of artifacts 16 on this side of the ridge and on the other side of 17 the ridge. 18 Here's another picture of the same site. 19 You can see the lake bed there. And here's the 20 shoreline feature here where most of the artifacts 21 are being found. 22 Among the stuff that was found on this site 23 is remains of old cooking hearths where the stones 24 had been heated and cracked and reddened, and we 25 found many of these kind of concentrations of what</p>

1 we call fire-cracked rock.

2 Here's another small concentration of
3 heated rock mixed in with a few military remains in
4 there.

5 Most of the remains found on this site are
6 basalt and rhyolite materials that -- and there's
7 quarries of that in the study area.

8 And here people going out on the weekends,
9 I guess, or something walk across the site and
10 collect it and leave the materials in piles. You
11 walk along this site. You find piles of this, you
12 know, material, where people in the past have
13 collected it and left them in piles.

14 And also you can see recent shotgun shells
15 and some more military material in this.

16 Okay. In addition to the site that's along
17 the beach stand there, there's a sand sheet that
18 occurs around Superior Lake in the Superior Lake
19 Valley and it continues to the east and it goes up
20 to the central part of the Superior Valley study
21 area.

22 And in this whole area is where we found
23 the densest number of sites, is in the sand sheet.
24 The sand sheet is about 40 to 60 centimeters deep.
25 And most of it, according to the geomorphology, is

1 flakes as they're found.

2 And then in addition to the sites found in
3 the sand sheet area, on the alluvial fans and plain
4 sites, you find more diffuse scatters of flaking
5 debris. And they're not as dense in those areas.

6 And one very interesting site was a basalt
7 quarry. And that occurs up in the northeastern part
8 of the study area, up in this area up here.

9 In this picture here basalt outcrops all
10 along the ridge here. And the basalt erodes out.

11 And the people in the past for thousands of
12 years have come here to collect the basalt. And
13 while they're there, of course, at the quarry, they
14 would test the material. And so we're finding lots
15 of cores and early reduction flakes from them
16 testing the cobbles that have eroded out from the
17 basalt ridge there.

18 Here is another picture of it. Here's the
19 basalt ridge there where -- the source of the
20 basalt. And it's eroding out here. And then
21 there's materials scattered all across here for
22 over, you know, thousands of years where people have
23 flaked the material.

24 And a lot of material appears to the
25 geomorphologist to be quite old. You know, some of

1 in mixed context, even though we have found an
2 intact feature in one of the sites.

3 The sites along by the lake -- here's the
4 lake again -- along by the lake mostly have basalt
5 flakes on them, which is in contrast to the central
6 part of the study area. There you get mostly chert,
7 which are crystalline types of flakes.

8 Here's another view of the sand sheet sites
9 in the Superior Valley by the lake.

10 And then as you get into the central part
11 of the study area, you get a little higher
12 elevation. You start getting the Joshua trees and
13 the cholla cactus. And these sites in the central
14 part of the study area is where we found all the
15 ceramics. Pottery sherds is from this area. And,
16 like I say, one of the sites that we extensively
17 tested, we actually found a buried feature, a hearth
18 feature.

19 And here's another picture of us recording
20 the sites.

21 When we find some flaking debris on the
22 ground, we go around and flag them all with these
23 pin flags so we can get an idea of the distribution
24 of the remains while we record it.

25 So here you can see the crew flagging the

1 it could date back to the very -- what
2 archaeologists feel is the very earliest part of
3 occupation in the area.

4 Okay. In addition to the prehistoric
5 sites, we also have found Euro-American historic
6 sites. And one of the kind of sites are homesteads.
7 And these occur mostly around Superior Lake and that
8 Superior Lake Valley. And they consist of a lot of
9 concrete foundations of old wells where they had
10 windmills and stuff.

11 And here's a picture of some of the
12 concrete foundations that we have found out there.
13 Here's a picture of a few more of the foundations of
14 a well.

15 And, also, the homesteads had, you know,
16 housing depressions that we found like this. And a
17 lot of these housing depressions have really dense
18 scatters of trash -- you know, tin cans and trash
19 and so forth -- scatters adjacent to it. These
20 homesteads date from the 19 teens to the 1920s when
21 I guess that part of the valley was heavily occupied
22 and used.

23 I don't have any slides of it, but also in
24 addition to the homesteads, we found a lot of mining
25 remains. And most of the mining remains occur up in

1 the northeastern part of the study area, up here.
2 One of the major ones is the old town of Goldstone.
3 But there's several other mines up in that area that
4 we've recorded.

5 The mines consist of maybe a single add-it
6 or some raised buildings. And we also find a lot of
7 mining claim cairns out there and a lot of
8 prospects, as well, for the mining.

9 And then we also have recorded the historic
10 roads out there. These roads, mostly the ones in
11 the Superior Valley area, are roads that were
12 developed to get access to the homesteading down by
13 the lake and also to the mining areas up in the
14 northeastern part.

15 But in the Avawatz area, we also have the
16 historic Spanish Trail, Mormon Trail, California
17 Trail going through the Red Pass there in that part
18 of the study area.

19 WILLIAM HELMER: Did you find artifacts
20 along those roads?

21 CRAIG SMITH: Not really, no.

22 The reason I consider them historic roads
23 is we went and took -- looked at the government land
24 office surveys that were done in the 1920s, and if
25 the roads occurred on that map, if they were named

1 being brought into the study area.

2 BETTY CORNELIUS: Did you say the basalt,
3 where you showed us that black ridge, is that on the
4 foothills of Avawatz?

5 CRAIG SMITH: No. That's in the Superior
6 Valley study area. That occurs -- I guess you can't
7 really see this map from where you're sitting, but
8 it occurs up here in these hills, up here, in the
9 Superior Valley area.

10 BETTY CORNELIUS: Okay.

11 CRAIG SMITH: Okay. Now I'm going to show
12 some of the artifacts that we've collected off some
13 of the sites. And it's been a wide range of
14 artifacts collected.

15 We found projectile points that
16 archaeologists would classify that would cover the
17 whole prehistory human use of the area. From --
18 these are the more recent arrow points.

19 And we have, you know, desert side notches
20 that archaeologists call desert side notches and
21 rose spring points.

22 And most of these, I think they're found
23 both around Superior Valley and up in the central
24 sand sheet areas.

25 TAD BRITT: What are those materials,

1 roads, we were considering them historic roads.
2 So...

3 WILLIAM HELMER: I was just talking about
4 the Old Spanish Trail, Mormon Road through Red Pass
5 area. You didn't see a --

6 CRAIG SMITH: Actually, that's one thing
7 still on our list to do. We haven't quite got that
8 all recorded yet. That's going to be done this
9 week. But that's one of the outstanding things over
10 there in the Avawatz that needs to be done.

11 But my feeling is probably people have
12 visited that over the years, past hundred years, and
13 probably collected most anything that's there.

14 BETTY CORNELIUS: Is there -- where the
15 basalt is up in the mountains, is there any obsidian
16 with the basalt up in that area?

17 CRAIG SMITH: We do find obsidian on some
18 of the sites, but not up in that quarry area, no.
19 And we don't know where the obsidian is coming from.
20 And that would be an interesting study for the
21 future is -- we've collected the obsidian, so if we
22 have a chance to source it at some future time, that
23 would be very interesting to see, what location the
24 obsidian is coming from. And I would guess that's
25 probably coming from several different locations and

1 Craig?

2 CRAIG SMITH: All kinds of sherds. I'm not
3 sure. I haven't really seen all these -- actually
4 seen them myself, so I'm not sure exactly what the
5 materials -- the crew out there photographed these
6 for me so I could show them. But it might even be
7 obsidian.

8 TAD BRITT: I've seen some obsidian points.
9 I can't recall if they were dark.

10 CRAIG SMITH: Yeah. I think there is some
11 obsidian points. I know we've collected some
12 obsidian bifaces and some obsidian flakes out there.
13 So...

14 And we also found pottery out there,
15 pottery sherds. We found some black on white
16 pottery sherds pictured here. And all this is from
17 the central part, central sand sheet area. That's
18 where all the pottery has been found.

19 And here's another wider range of them.
20 Here's some of the black on white again. We've got
21 some redwares and brownwares here too.

22 And then going back to some of the dark
23 points, what archaeologists call the Elko and
24 Humboldt points there.

25 And then here's some other dart points that

1 really don't fall into types completely.
2 And now we're getting back into some older
3 points. These are Lake Mojave points here. And
4 then some other Lake Mojave points.

5 And we also found one Clovis point up in
6 the northeastern part of the study area. And
7 archaeologists believe that's the earliest point
8 type that was made in the area. And that was an
9 exciting find, to find one of these Clovis points.

10 Okay. Just to conclude, in addition to
11 testing sites that we actually find stuff on the
12 surface, we also are testing other areas to see if
13 there's buried materials.

14 And we've used backhoe trenching as one way
15 of trenching and getting a good look of what's below
16 the surface, and we've done a lot of that by
17 Superior Lake. And what we're in the process of
18 doing now is doing shovel-testing in select areas in
19 the sand sheets and stuff to see exactly what might
20 be buried below the surface.

21 WILLIAM HELMER: Have you found sites doing
22 the backhoe trenching or shovel-testing?

23 CRAIG SMITH: We're right in the process of
24 doing the shovel-testing right now, so I can't
25 really say yet for that.

1 For the backhoe trenching, not a lot of
2 sites. The backhoe trenching was mostly to help the
3 geomorphologist characterize more the deposits in
4 the area and stuff like that.

5 WILLIAM HELMER: Okay. It's not --
6 because, of course, that could wreck a site if
7 you're looking for it that way.

8 CRAIG SMITH: Excuse me?

9 WILLIAM HELMER: You could wreck a site,
10 you know, if you tear through an area with a
11 backhoe.

12 CRAIG SMITH: Yeah, that's true.

13 Yes.

14 CHAD SMITH: On the other hand, some of
15 these sites that are shovel-tested and don't yield
16 subsurface artifacts present, it's the needle in the
17 haystack approach with these STUs. And there may
18 not have been sufficient excavation in terms of
19 backhoe trenches to identify subsurface presence of
20 artifactual materials.

21 And then on the historic roads and wells,
22 we feel that many of those roads were originally a
23 one-track Mojave or other tribe trail. And the
24 first time a wagon or, really, the prospector goes
25 over it with the burro, but then the wagon, it

1 becomes an historic road. And that some of these
2 well sites were either a seep or possibly a
3 prehistoric walk-in well.

4 CRAIG SMITH: Yeah. My guess is a lot of
5 the roads we have out there now, the Euro-Americans
6 that came into the area followed the existing trails
7 that were there. I would guess that would be the
8 best paths to follow. They probably didn't recreate
9 the -- there was already trails, you know. They
10 just followed what there was.

11 CHAD SMITH: And we've discussed on the
12 shovel-testing, and now it appears there's been even
13 more extensive ground disturbance testing, that it
14 is required that tribes be notified in advance of
15 issuance of a permit for excavation, even in these
16 evaluations with shovel-test units.

17 So that's something we're going to be
18 addressing, to need to be in on the -- and in
19 particular some of the testing that has occurred as
20 shown in that one rock-shelter was so extensive with
21 carbon samples being retrieved, as well, there may
22 have been objections by tribes to such activities or
23 a need to be present when such work is done.

24 CRAIG SMITH: Uh-huh.

25 CHAD SMITH: And so it needs to be worked

1 through.

2 CRAIG SMITH: Were the groups notified of
3 that?

4 TAD BRITT: They were notified that the
5 survey was being undertaken. Because we're doing
6 this on Fort Irwin -- and, again, we can get into
7 this on more detail. We're not required for an ARPA
8 permit.

9 It's certainly not our understanding that
10 we needed to have Native Americans present or
11 consulted in the inventory and evaluation phase.
12 That's not to say that that's not something Fort
13 Irwin will not change. It's just that it was not
14 Fort Irwin's impression that that was required.

15 CHAD SMITH: Well, it's in the Army regs,
16 too, though, that equivalent procedures to ARPA
17 permitting will be followed and that does include
18 notification to the tribes.

19 TAD BRITT: I believe the tribes were
20 notified. There were letters sent out to all 14
21 tribes.

22 CHAD SMITH: We'd want to see something
23 about methodologies and research design and then, of
24 course, the reports.

25 TAD BRITT: Sure. Sure. Those are

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1 certainly, you know, valid concerns, and that's
2 something we'll talk about this afternoon.
3 They weren't -- I mean TRC followed the
4 scope of work that I wrote. So I'll be accountable
5 for that.

6 Okay. And just -- just one other thing I
7 wanted to mention on this off-site testing. All of
8 their investigations were predicated on the site --
9 the site favorability maps we generated from the
10 predictive model.

11 So a lot of those sites had different areas
12 delineated for high, low and medium burial
13 potential. And a lot of those sites are the ones
14 that we focused on, the medium to high potential
15 sites.

16 Because, again, as I mentioned this
17 morning, typically inventory that's been done out
18 here is totally surface, totally pedestrian where
19 you're literally only skimming the surface, and
20 you're not getting enough information to make -- to
21 even delineate the site, much less begin to make
22 informed evaluations.

23 And we're trying to improve that
24 methodology so that we can collect enough
25 information so that when we do consult with the

1 sure that no desert tortoise were affected. So
2 there were people there, monitoring those trenches
3 and making sure that things were --

4 CHAD SMITH: Well, on the geomorphological
5 trenching, of course, that's separate from testing.

6 Within a site, you would not even enter into
7 equivalent of ARPA, permitting or anything, as well.

8 CRAIG SMITH: And the backhoe trenching was
9 pretty much for the geomorphic studies.

10 CHAD SMITH: This sand sheet is not just
11 Aeolian deposition, but it was like a sheet wash,
12 massive flooding event redistribution at the time of
13 these inundations?

14 TAD BRITT: My understanding, it's Aeolian.
15 The beaches are a result of wave wash. And then
16 you've got over time because the winds prevail, you
17 gradually are transporting those particles further
18 east, and you're creating the sand sheet.

19 CHAD SMITH: I don't see how the artifacts
20 themselves would be inverse or jumbled
21 stratographically.

22 CRAIG SMITH: Since the deposition of the
23 sand, the geomorphologist thinks that the sand has
24 been there for thousands of years, and through that
25 time, processes have turned the sand over and stuff.

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1 Native Americans, we have a good understanding of
2 what we've got and the extent of what we've got.

3 So that's kind of the reasoning behind the
4 research design.

5 CRAIG SMITH: And I just wanted to conclude
6 the final slide about the geomorphic studies.

7 In addition to all the archaeological
8 studies, we have a geomorphologist out there, trying
9 to characterize the different landforms and trying
10 to estimate the age of these landforms and also
11 giving us information like, he was just saying, on
12 areas that have the highest potential of buried
13 remains, so we direct our testing in those areas.

14 But most of his thoughts are that most of
15 the sand areas have been turned over and are mixed.

16 So with the archaeological and geomorphic
17 information, that all will be combined to test the
18 model that you've talked about earlier.

19 TAD BRITT: Uh-huh.

20 DARRELL GUNDRUM: If I could say something
21 as well.

22 During the trenching that has occurred out
23 there on the expansion area so far, archaeologists
24 were present to make sure that no sites were being
25 impacted as well as a wildlife biologist to make

1 CHAD SMITH: Or deflation.

2 CRAIG SMITH: Deflation and then
3 deposition, just kind of mixed materials up.

4 But the artifacts would still have their
5 relationship to each other.

6 TAD BRITT: I agree.

7 CRAIG SMITH: In a general way, yeah.
8 There's some relationship.

9 CHAD SMITH: Because at Nellis, they tried
10 to argue lack of integrity and context to these,
11 according to China Lake, extremely important and
12 valuable early man sites that are many of these late
13 margin playa manifestations and the sand sheet
14 manifestations.

15 And even if they are deflated, they're
16 still in the same orientation proximate to each
17 other. And in going with that logic like they
18 wanted to use at Nellis, the old DeJuan sites in
19 Africa would not be worthy of investigation because
20 they're deflated and, of course, they're critical.

21 CRAIG SMITH: The horizontal information is
22 still there, but any remains of different time
23 periods being piled up is mixed. So you get
24 materials from several different -- like this big
25 site along the shore of Superior Lake. That was

1 probably visited by people over thousands of years,
2 and materials are all kind of mixed together from,
3 you know, many, many thousands of occupations.

4 CHAD SMITH: So in that case, if it's
5 multicomponent, it wouldn't have the same horizontal
6 relationships as one episode or one area would.

7 CRAIG SMITH: Yeah.

8 TAD BRITT: That's something that we look
9 at, is the orientation of the artifacts. Are they
10 pointed down or flat? We look at all of that.

11 And, of course, this type of setting, this
12 highly dynamic setting requires us as archaeologists
13 to conduct analysis to look at this from a new
14 perspective by taking into account all
15 archaeological sites, wherever they may be. They've
16 all suffered some degree of disturbance; here maybe
17 a greater degree.

18 But we have to develop an analysis method
19 so we can better assess and evaluate the
20 significance of those. So, yeah, that's something
21 we've taken into consideration.

22 CRAIG SMITH: But about the sand sheets,
23 you know, most of them are to the east of Superior
24 Lake, you know, prevailing winds. And they're
25 probably blowing off the lake, you know, 10,000

1 years ago or more and deposited out there.

2 Is there any other questions?

3 WILLIAM HELMER: How is your predictive
4 model tested for its accuracy?

5 TAD BRITT: That's another question for me.

6 Well, we're hoping to achieve 80 percent
7 accuracy. Until we get the data from TRC from these
8 new areas, we're going to rerun the models.

9 Again, all of the sites now we have, you
10 know, absolute GPS. We have much better
11 information. We made sure when they went out and
12 collected the data, we would be collecting not only
13 the data that was required for compliance, but the
14 data we needed for the predictive model.

15 So we have much more highly active data.
16 We're going to take those data, combine it with our
17 preexisting data, run the models again and see what
18 the improvements are.

19 Ultimately, we're hoping to get better than
20 80 percent accuracy. I can't tell you right now,
21 you know, how we validated it or how we've refined
22 it until we do that.

23 CRAIG SMITH: And just roughly looking at
24 some of the data, there is some interesting
25 distributions at the various different kinds of

1 sites throughout at least the Superior Valley study
2 area because you find different kinds of projectile
3 points at different areas, indicating that through
4 time there's different use of the different areas
5 and so forth too.

6 TAD BRITT: And another thing that you
7 pointed out earlier, talking about trails. We're
8 also beginning to see some traffic patterns
9 prehistorically, different types of sites, their
10 positions on the landscape of how they went across
11 the valleys. It's interesting.

12 WILLIAM HELMER: So you still have some
13 analysis to do.

14 CRAIG SMITH: We haven't done any analysis
15 yet. We're still in the collection stage.

16 WILLIAM HELMER: What about going in the
17 areas to where you're not going now because, you
18 know, that's not part of your model?

19 TAD BRITT: Those -- the areas that aren't
20 being surveyed for the EIS, the supplemental EIS,
21 all of those areas will eventually need to be
22 surveyed. Or if we can justify because of the
23 predictive model they don't need to be surveyed,
24 they still fall under the requirements of
25 Section 110. That is, basic inventory, knowing what

1 you've got so you can manage it, as well as 106 if
2 they're going to be -- in the future if they change
3 some training patterns and traffic patterns, we'll
4 certainly go out and look at those areas prior to
5 any disturbance.

6 ROBERT HORALEK: I think the question was,
7 have you been in any of the areas your predictive
8 models said would have nothing and surveyed them to
9 see if, in fact, they had nothing.

10 TAD BRITT: Yes.

11 DARRELL GUNDRUM: One of the neat things
12 about the model also is, as Tad mentioned
13 previously, a lot of it has been pedestrian or
14 surface survey out here.

15 And some of the work that TRC is doing now
16 is going back into some of these sand sheet areas
17 where nothing was detected on the surface and put
18 shovel tests in to see if there actually were
19 burying sites there, if there was a possibility of
20 burying sites.

21 And this is going to work back into the
22 model, and the model is going to continue to be
23 refined for years to come. Every time we do a
24 survey, if we get more information, get it back into
25 the model, the model will be refined a little more.

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1 But we do have -- the way the strategy has
2 been set up is the test areas for these different
3 resources, also the test areas where none were
4 expected or where they haven't been detected in the
5 past because of pedestrian surveys.

6 TAD BRITT: We feel like that's a real
7 strong bias and we're not getting the full picture
8 of what's going on culturally out there
9 prehistorically because of the way the methods have
10 been done in the past.

11 Of course, once we find sites, refine the
12 model, we'll be able to change our methodology to be
13 better able to identify and evaluate sites as well.

14 CRAIG SMITH: Well, thank you.

15 TAD BRITT: Thank you, Craig.

16 Col. Flinn.

17 COL. FLINN: I'm sorry I can't stay with
18 you for the duration of the day. I've got to go.
19 I've got other business to do. But it's been
20 educational for me.

21 I know I have to look up Aeolian. I don't
22 know what that means, but I'm about to get educated.
23 As a learning adult, as part of the adult learning
24 model that we try to use here at the National
25 Training Center in training units, I've taken three

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1 tasks back to myself to figure out what those words
2 mean today. So I appreciate the kind words and the
3 opportunity to get educated also.

4 Jeff, if you will hand me these.

5 One of the things that we do out here at
6 the National Training Center is things called after
7 acts reviews, designed to take a look at what
8 happened and how can we improve as an organization
9 in our ability to train and fight.

10 And one of the things that we're anxious to
11 get from our experts here is some feedback on how
12 well we're doing in our processes out here, taking
13 care of the cultural and historical resources out
14 here.

15 So in your session this afternoon, I would
16 ask that you be free with your ideas so that we can
17 do better out here. Because we are as interested in
18 preserving the cultural artifacts and cultural
19 history and the heritage that is resident at Fort
20 Irwin as you are. And only through your insights do
21 we get better at doing that.

22 So in anticipation that it's going to be a
23 profitable afternoon, we give out to soldiers who do
24 well on the battlefield little mementos of their
25 superior performance.

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1 So what I would like to do is on behalf of
2 the National Training Center, a small token of our
3 appreciation for you taking time out to come out
4 here and help us get that.

5 BETTY CORNELIUS: Am I supposed to salute?

6 COL. FLINN: No, you don't have to salute.

7 All right. Thank you very much. And hope
8 your stay has been set up well for you.

9 And, again, thanks for coming out here and
10 taking time out of your schedule to help us. Okay.
11 All right. Good-day.

12 TAD BRITT: Thank you, Col. Flinn.

13 It will take me just a minute to set up my
14 next slide. I'm going to give a presentation on the
15 NAGPRA standard operating procedures. We'll have a
16 moment for some questions. Then we'll take a break.
17 And then we'll come back and discuss NAGPRA SOPs,
18 whatever else y'all want to discuss for the
19 remainder of the day.

20 For this session, if you'll get the draft
21 NAGPRA standard operating procedures out. I really
22 need to go over this line by line. We'll go through
23 it in whatever detail we need to, but there are some
24 terms in here that maybe we can skip over. If not,
25 we can refer to them by page and paragraph, except

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1 we don't have page numbers.

2 CHAD SMITH: Maybe everybody could just go
3 through and number them.

4 TAD BRITT: That's true. I'm following the
5 format of this. So it should be -- I will start off
6 with introduction.

7 These are the legal drivers behind NAGPRA.
8 NAGPRA is Native Americans Graves Protection and
9 Repatriation Act of 1990.

10 This is supporting legal drivers for
11 consultation that NEPA, NAGPRA, NHPA, American
12 Indian Religious Freedom Act, ARPA, various
13 presidential memorandums all dated in the '90s
14 dealing with government-to-government relationships,
15 access to sacred sites, consultation requirements
16 with federally recognized tribes, as well as the
17 environmental justice, as well -- and the Department
18 of Defense, American Indian Alaska Native Policy,
19 and the Army's implementing regs, AR 200-4, and Army
20 pamphlet 200-4.

21 These are the federally recognized tribes
22 that we invited to participate in this meeting.

23 Those tribes that are highlighted in red
24 are represented today except for the San Manuel. I
25 believe they were from Las Vegas, were not able to

1 come today. But there are 14 tribes. We will
2 continue to consult with them until they indicate
3 that they don't want to be consulted.

4 Again, as I mentioned this morning, the
5 tribes that weren't here today will get copies of
6 all of the presentations, the transcripts. So that
7 it's unfortunate they couldn't be here, but at least
8 they'll have an opportunity to comment on what was
9 happening, what was said.

10 We've gone through the introduction. We'll
11 start off with some definitions. We'll talk about
12 policies and procedures, the notification process,
13 identifications and the treatment and disposition of
14 NAGPRA items.

15 And then kind of logistics, we'll talk
16 about how we deal with time conflicts and dispute
17 resolutions. Then we'll also, if there's additional
18 parties that may come in at some time later during
19 the consultation process, how we handle that.

20 And then, finally, the resumption of
21 activity. All of this standard operating procedure
22 is with respect to the inadvertent discovery of
23 Native American human remains and associated
24 funerary objects, sacred objects or objects of
25 cultural patrimony. I will tell you exactly what

1 Cultural affiliation means that there's a
2 relationship of shared group identity which can
3 reasonably be traced historically or prehistorically
4 between members of a present-day Indian tribe and an
5 identifiable earlier group.

6 Funerary objects mean items that, as a part
7 of the death rite or ceremony of a culture, are
8 reasonably believed to have been placed
9 intentionally at the time of death or later with or
10 near individual human remains.

11 Funerary objects must be identified by a
12 preponderance of evidence as having been removed
13 from a specific burial site of an individual
14 affiliated with a particular Indian tribe or being
15 related to specific individuals or families or to
16 known human remains.

17 Sacred objects are those items that are
18 specific ceremonial objects needed by traditional
19 Native American religious leaders for the practice
20 of traditional Native American religions by their
21 present-day adherents.

22 While many items, from ancient pottery to
23 arrowheads, might be imbued with sacredness in the
24 eyes of the individual, these regulations are
25 specifically limited to objects that were devoted to

1 inadvertent means here in a minute.

2 First off, Fort Irwin is engaged in a
3 continuing cultural resource inventory and
4 evaluation.

5 Because of the unique mission of the
6 training requirements at Fort Irwin, as well as the
7 geomorphic processes out here, there is the
8 potential for previously unidentified human remains
9 and NAGPRA objects to be identified, whether they be
10 burials and cremation sites or sacred sites, that
11 may have some NAGPRA significance, those sites may
12 yet be identified. And if human remains or funerary
13 items are discovered, compliance with NAGPRA is
14 required.

15 Some of the definitions. These are taken
16 directly from NAGPRA. We've got burial sites.
17 That's basically any natural or prepared physical
18 location, whether originally below, on or above the
19 surface of the earth, into which as a part of the
20 death rite or ceremony of a culture, individual
21 human remains are deposited.

22 These may include rock cairns or pyres
23 which do not ordinarily fall within the ordinary
24 definition of a grave. This is verbatim from
25 NAGPRA.

1 a traditional Native American religious ceremony or
2 ritual and which have religious significance or
3 function in the continued observance or renewal of
4 such ceremony.

5 Objects of cultural patrimony is defined as
6 those items having ongoing historical, traditional
7 or cultural importance, central to the Indian tribe,
8 rather than property owned by an individual tribal
9 or organization member.

10 These objects are of such central
11 importance that they may not be alienated,
12 appropriated or conveyed by any individual, tribal
13 or organization member. Such objects must have been
14 considered inalienable by the culturally affiliated
15 Indian tribe at the time that this object was
16 separated from the group.

17 Indian tribe means any tribe, band, nation
18 or other organized group or community of Indians
19 which is recognized as eligible for the special
20 programs and services provided by the United States
21 to Indians because of their status as Indians.

22 Inadvertent discovery is defined as the
23 unanticipated encounter or detection of human
24 remains, funerary objects, sacred objects or objects
25 of cultural patrimony found under or on the surface

1 of federal or tribal lands pursuant to NAGPRA.

2 According to this definition, if an object
3 is recovered that is not recognized as defined under
4 NAGPRA when found, but is subsequently identified
5 during laboratory analysis, this qualifies as
6 detection and, therefore, constitutes inadvertent
7 discovery.

8 In other words, if they find something in
9 the field, they get it back to the lab, they clean
10 it up and begin the analysis and realize that either
11 it's human bone or a funerary item that was
12 previously not detected in the field. Once they
13 make that determination, it becomes an inadvertent
14 discovery.

15 Cultural objects specifically refer to
16 funerary objects, sacred objects and objects of
17 cultural patrimony.

18 Basically the NAGPRA SOP policy is to
19 protect, to identify proper ownership, and to ensure
20 rightful treatment and disposition of the human
21 remains as well as funerary objects.

22 Now for the procedures.

23 This involves preliminary assessment,
24 protection and verification. Cultural resource
25 manager must make a site visit within 24 hours of an

1 necessarily removing them from the ground. The
2 ideal situation is to leave them in place, protect
3 and preserve.

4 Sites also will be stabilized, and they
5 will be monitored so that if they are exposed, they
6 will be monitored and protected until final
7 treatment and disposition is determined.

8 There will be no removal of items until
9 compliance with these rules and the resumption of
10 activity is completed.

11 It's important to note that the NAGPRA
12 investigations take time. The cultural resource
13 manager, as well as the criminal investigative
14 division here on the post, should have a plan of
15 action, including specialists identified and
16 available to conduct field analysis.

17 And those would likely be tribal elders.
18 They would also likely be physical anthropologists
19 or forensic anthropologists. They should have a
20 plan of action ready to go should an inadvertent
21 discovery take place.

22 The next major step is that the cultural
23 resource manager notifies the commander.
24 Immediately they need to make a telephone
25 communication. It's either the commander or his

1 inadvertent discovery. Then he goes through a
2 process. If they're nonhuman, he determines
3 archaeological association and whether or not
4 Section 106 procedures apply.

5 If he determines that the remains are
6 associated with a recent crime scene, he then
7 contacts the appropriate authorities on base, the
8 provost marshal's office, criminal investigation
9 division, as well as the county sheriff.

10 All activities cease within a 50-meter
11 radius, and the investigation takes place.

12 If they're not associated with a crime
13 scene, with authorities concurring, they notify the
14 California SHPO. If they are or appear to be Native
15 American, the cultural resource manager will prepare
16 a written report of finding, noting all
17 circumstances, including the content and context of
18 the discovery, a general assumption of their age and
19 their significance.

20 Evaluations will be conducted in situ.
21 That means if they find what appears to be human
22 remains or any kind of funerary objects in the
23 field, they will observe -- they will expose just
24 enough of those remains or artifacts to determine --
25 you know, to better evaluate them. They won't be

1 official designee.

2 The cultural resource manager will follow
3 up with a written report, with a plan of action, a
4 list of those parties that need to be consulted, and
5 preliminary recommendations on the treatment and
6 disposition of the items.

7 The commander has a responsibility to
8 notify the cultural resource manager that he has --
9 he or she has indeed received the report and is
10 taking action. He is required to write back to the
11 cultural resource manager.

12 The clock starts ticking, or it's already
13 started ticking when he's notified, yes, he's been
14 informed and we're on this and we are processing
15 this NAGPRA inadvertent discovery.

16 At the same time, any types of
17 ground-disturbing activities within a 50-meter
18 radius must cease. And that involves all
19 components, whether it be DPW, G3, which is
20 operations and training or range control or ITAM.
21 Everybody's put on notice. There's no activity in
22 this area. The commander's ultimately responsible
23 to ensure that there are no disturbances to this
24 site.

25 The commander has three days to notify all

1 possible lineal descendents and other lineal tribes
2 that may claim custody of the objects.
3 The decisions on which tribes will be
4 notified is predicated on NAGPRA and the list of
5 tribal contacts. Initially, telephone calls may be
6 made either from the commander or his designee.
7 Those phone calls will be logged. A written record
8 will be written: time, date, place, person, the
9 extent of the conversation.

10 These will be immediately followed up by
11 certified mail, including the written report,
12 preliminary plan of action so that all the federal
13 tribes know what's been found. You know, they
14 basically have the same information that the
15 commander has.

16 The next component of this is notifying the
17 Native Americans. And there is a priority ranking
18 of determining ownership or control of NAGPRA
19 objects. And in ranking order they are lineal
20 descendents, Indian tribes that may be holding
21 tribal lands where the remains were found,
22 culturally affiliated Indian tribes, Indian tribes
23 recognized as the aboriginal owners of the land.

24 That could be a tribe that we know, based
25 on the oral as well as archaeological records, they

1 mentioned earlier, in situ analysis. That is
2 analysis in the field with the least amount of
3 disturbance, least amount of exposure to the human
4 remains and/or objects that are identified.

5 The cultural resource manager will employ
6 special assistance appropriate. Again, physical
7 anthropologists, tribal elders, forensic
8 anthropologists, ethnographers. Cultural
9 affiliation shall be determined by a preponderance
10 of evidence.

11 That is, for instance, geographical
12 affiliation, kinship, biological, archaeological,
13 folklore, oral traditions.

14 Preponderance means that there's -- it
15 doesn't -- it's not an absolute. It's kind of a sum
16 of all of the variables combined, what is the
17 preponderance?

18 Lineal descent will be determined with the
19 potential lineal descendents. Again, in other
20 words, if we think they're Paiute, we'll consult
21 with the Paiute and find out which group is most
22 closely affiliated.

23 Consultation must result in either a plan
24 of action or a comprehensive agreement. All parties
25 covered in the comprehensive agreement must agree to

1 were in this geographical area a couple hundred
2 years ago. They moved to another geographical area.
3 We knew that they were there at the time. They may
4 be the legal claimants.

5 Then the next in order are the Indian
6 tribes with the strongest demonstrated cultural
7 relationship to those objects.

8 And then, finally, we have an unclaimed
9 category when there can be no -- none of the aboves
10 can be satisfied, that there is an unclaimed
11 category.

12 The list of the tribal contacts is kept by
13 the natural and cultural resource manager, which is
14 Mr. Quillman. And these will be verified and/or
15 updated annually in coordination with tribal
16 election schedules.

17 And we've already been informed that
18 there's been a change since we sent our letters out
19 in July that one of the people that we've
20 corresponded with is no longer a tribal official.

21 We probably, before y'all leave, would like
22 to get your tribe's election schedule so that we
23 would know what time of year to update our list.
24 That would be helpful.

25 Now, for the identification. As I

1 be signatories. Can't be part of a contract unless
2 you sign it.

3 Information gained from the consultation
4 that should be included in the written plan or
5 comprehensive agreement are the kinds of material to
6 be considered as cultural objects. Hopefully we'll
7 get into some of these either later today or in our
8 next meeting.

9 These are types of information that we need
10 from your tribe so that we will know that should we
11 find some objects out there, what types of materials
12 y'all are most concerned with and how we need to
13 consult with you on those.

14 Specific information used to determine
15 custody is that is potentially information that the
16 tribal elders may hold about significance of these
17 objects.

18 We also need to consult regarding
19 treatment, care and handling of the human remains
20 and cultural objects, what types of analysis or
21 identification of human remains and cultural objects
22 may be appropriate.

23 Steps to be followed to contact Indian
24 tribes at the time of the inadvertent discovery.
25 The kind of traditional treatment to be afforded the

1 human remains or cultural objects.
 2 That is -- I just want to make a point
 3 here, is that anytime there are NAGPRA or funerary
 4 objects, the commander is -- the commander is
 5 required to allow Native American religious
 6 specialists to come on base to conduct ceremonies
 7 that may be deemed necessary.

8 And, again, we'll go over with you the
 9 nature and type of reports to be prepared.

10 And then finally, the disposition of human
 11 remains and cultural objects.

12 Regarding the treatment and disposition.
 13 It shall be -- that shall be determined in
 14 consultation with lineal descendants of the tribes,
 15 one of the tribes that demonstrate priority of
 16 ownership as per that list.

17 Tribes must demonstrate affiliation by
 18 preponderance of evidence. The single claimant
 19 cannot be identified. And continue consultation.

20 As per NAGPRA, if no agreement can be
 21 reached, refer to the dispute resolution process,
 22 which I'll discuss in a minute.

23 Then you want to make every attempt to
 24 specify treatment for inadvertent discoveries within
 25 30 days after the certified notification has been

1 reports. So this is just a public responsibility in
 2 case there may be other interested parties out there
 3 that wish to make a claim.

4 Unclaimed Native American human remains and
 5 cultural objects shall be returned in accordance
 6 with the regulations developed by the NAGPRA review
 7 committee.

8 On the rare occasion that Fort Irwin and
 9 Native Americans that are being consulted have
 10 trouble or conflicting schedules, they'll notify
 11 each other as quickly as possible. Emergency
 12 actions will be conducted by telephone, e-mails and
 13 fax.

14 And, finally, for the dispute resolution --
 15 again, this falls pretty much in NAGPRA -- they'll
 16 follow the NAGPRA procedures. Fort Irwin shall
 17 follow the procedures set forth in the standard
 18 operating procedures for consultation with all
 19 interested tribes.

20 Should any interested tribes make any
 21 conflicting claims of cultural affiliation or
 22 dispute the methods of treatment or disposition, the
 23 installation commander shall notify -- it used to be
 24 FORSCOM. Now, the Army has been -- what's the word
 25 I'm looking for -- reorganized -- southwest region.

1 sent.

2 If, for instance, in situ preservation,
 3 in-place preservation is not possible, repatriation
 4 with tribes of lineal descent or cultural
 5 affiliation should be undertaken.

6 To continue, each restoration or
 7 reinternment shall afford Fort Irwin an opportunity
 8 for tribal religious participation. This is what I
 9 was talking about earlier. The American -- the
 10 commander is required to allow traditional religious
 11 leaders on base to conduct ceremonies, as per
 12 American Indian Religious Freedom Act.

13 Prior to the disposition of NAGPRA objects,
 14 public notices shall be published of the proposed
 15 disposition in the area of the lineal and culturally
 16 affiliated tribes.

17 Typically, this is done -- this is per
 18 NAGPRA. You put in two notices with the inventories
 19 in the nearest available newspaper that would be in
 20 the -- wherever the tribe resides currently. Like
 21 if it happened at Fort Irwin, if it's the Timbi-sha
 22 Shoshone, it would be the Death Valley area and
 23 likewise.

24 You do that twice, two weeks apart. Of
 25 course you've already made phone calls and sent

1 It's just something we need to update.

2 But basically it gets elevated from the
 3 installation level to the regional level of the
 4 Army.

5 In the meantime, Fort Irwin will continue
 6 consultation with the disputing parties, suggest
 7 that the disputing parties seek resolution among
 8 themselves. And if they can concur, hopefully they
 9 can concur or go before the NAGPRA review committee
 10 to make recommendations on the resolution of the
 11 disputes.

12 If upon the recommendations of the NAGPRA
 13 review committee the most appropriate claimant still
 14 cannot be determined, Fort Irwin shall retain the
 15 disputed remains or cultural objects until the
 16 question of custody is resolved.

17 And, again, as I mentioned earlier,
 18 additional parties. Basically any interested tribes
 19 claiming lineal descent or cultural affiliation may
 20 join the procedures at any time should they express
 21 a desire to do so.

22 However, if an interested party fails to
 23 make a written claim prior to the time human remains
 24 and cultural objects are duly repatriated or
 25 disposed of to a claimant, the interested party is

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1 deemed to have waived any right to claim such items
2 as per NAGPRA.

3 In other words, speak up early or, you
4 know, once the process -- basically, if the remains
5 have been repatriated, it's too late to make a
6 claim.

7 And then following for the resumption of
8 activities. NAGPRA specifies that in case of an
9 inadvertent discovery of human remains or cultural
10 objects, work can resume within 30 days after
11 certification of the installation commander. Or
12 activity may resume if the treatment is documented
13 in a written, binding agreement between the
14 installation and the affiliated Indian tribes, as
15 per NAGPRA.

16 However, no event or activity may resume
17 until the SHPO or, if involved, local law
18 enforcement officials approve.

19 Questions or discussions.

20 Yes, sir.

21 CHAD SMITH: I think the role of the SHPO
22 is sort of tangled up in this. And after the
23 discovery is found to be human, SHPO's involvement
24 with NAGPRA ceases.

25 And cultural affiliation determination on

1 there may be a vested interest in human remains in
2 the collection.

3 TAD BRITT: Of keeping them in the
4 collection?

5 CHAD SMITH: Being determined to be
6 indeterminate as to cultural affiliation or
7 genetics.

8 And it doesn't seem to be as much an issue
9 here.

10 And then, finally, elsewhere in California,
11 some of the federally recognized tribes have been
12 able to partner with a nonfederally recognized
13 tribe, kind of like in the one example where a tribe
14 once was in an area and then was not.

15 And the Luisenos have been able to partner
16 with the San Luis Rey tribe, which is not federally
17 recognized, and effect a repatriation even though a
18 reburial on Luiseno lands of San Luis Rey remains.
19 So there's ways to work through this.

20 TAD BRITT: We understand that that is
21 certainly a way of repatriation.

22 CHAD SMITH: Yeah.

23 TAD BRITT: And it's an effective way,
24 particularly for those unfederally recognized
25 tribes.

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1 preponderance of the evidence can be with only one
2 line of evidence, that is, the oral tradition of the
3 tribe. It doesn't take a saliva test of various
4 archaeological theories and science doesn't trump
5 traditional culture in this.

6 TAD BRITT: Exactly. Exactly.

7 CHAD SMITH: And I don't know about this
8 one, but I proved it on U.S. Forest Service, that a
9 discovery under 106 does not have to be a material
10 finding of cultural resource by a backhoe blade, an
11 inadvertent material discovery. It can be
12 information that was not recorded or incorrectly
13 recorded. That can be discovered, like, through --

14 TAD BRITT: Reanalysis or --

15 CHAD SMITH: -- like in court trial, the
16 discovery process.

17 TAD BRITT: Sure.

18 CHAD SMITH: There could be information
19 about location of burial or presence of burial or
20 mortuary practices that could lead to findings of
21 human remains.

22 But it seems to me that the Army here
23 doesn't have some of the same concerns or background
24 that -- some of the museums we have to deal with and
25 universities and others and NAGPRA issues to where

1 CHAD SMITH: And then especially in
2 California, with the recent state reburial law,
3 repatriation act, there are many tribes that are
4 recognized by the State of California, but have not
5 achieved federal recognition.

6 So...

7 TAD BRITT: And they may yet here in the
8 near future.

9 CHAD SMITH: Yeah. It all could come
10 together right here on Fort Irwin.

11 ROBERT HORALEK: To address that very
12 briefly, I think you're exactly correct, and you're
13 right. Our interest is perhaps not the same as
14 perhaps some other types of agencies. Our interest
15 is resolving the issue as expediently as we can to
16 your satisfaction.

17 And so if you saw the priorities that we
18 would give to who would have the right say, as long
19 as that group that is affiliating with the highest
20 one on that list and you all agree, folks, we're
21 going to agree.

22 And we can draft that in any way you want.

23 TAD BRITT: Yeah, the nature --

24 Go ahead, ma'am.

25 BETTY CORNELIUS: On the Nellis Air Force

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1 Base we have three affiliated tribes that dealt with
2 the NAGPRA and reburial. They were the Paiute, the
3 Southern Paiute, the Western Shoshones and --
4 there's three of them anyway. Let's see, there's
5 the Paiute, there's the Western Shoshones, and
6 there's Southern Paiute.

7 Did I already say Southern Paiute?

8 The Paiute, the Western Shoshone, and the
9 Southern Paiutes were all affiliated with that area
10 on whatever was discovered on the test range anyway.
11 And I think that's what he's kind of saying here,
12 affiliating the 14 tribes, maybe extending it to
13 them.

14 Is that what you're saying, Chad?

15 CHAD SMITH: Yeah. If there's some others
16 that would have a concern on that --

17 BETTY CORNELIUS: And that worked for us up
18 there. You know, we all were in consensus, so that
19 would be what we would strive for here, is a
20 consensus.

21 TAD BRITT: The Army has pretty much
22 realized that they don't have the expertise to
23 determine lineal descent. I mean basically the ball
24 is in the Native American's court.

25 And usually it's been my experience that if

1 has been set with --

2 ROBERT HORALEK: We have places right now
3 where --

4 CHAD SMITH: And with many tribes it's a
5 policy that the remains should go into the ground as
6 close as to where they came out of the ground, but
7 out of harm's way or future projects and that kind
8 of thing.

9 TAD BRITT: I know Fort Benning has set
10 aside a Native American cemetery.

11 When I worked for the Vicksburg Corps of
12 Engineers, we created a Caddo cemetery on some corps
13 property and a lock and dam.

14 The precedent is there.

15 CHAD SMITH: Huachuca.

16 TAD BRITT: Yeah. I don't think that would
17 be -- but, again, you know, there have been no
18 conclusive NAGPRA items found here that
19 archaeologists know. I don't mean to say that there
20 aren't any, but we don't have -- there's a potential
21 for a cremation site.

22 Have beads been recovered here? Do you
23 have beads in your collection?

24 CRAIG SMITH: I believe there are several.

25 TAD BRITT: Okay. Well, no, at West

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1 there are conflicting claims, they're worked out
2 among the Indians. And then one tribe steps forth
3 and takes the remains, and they deal with it that
4 way. It's a pretty efficient process.

5 CHAD SMITH: One other thing. In all, the
6 Mojaves did participate on base with a reinterment
7 and reburial on base. And I know at Fort Polk,
8 Louisiana, the tribes there were able to cross a
9 threshold with Army in NAGPRA that up until that
10 time DOD had not been able to set aside on a
11 military establishment, something like a cemetery
12 area, where there could be reinternments from
13 remains found on post. And some that came from the
14 post before it was military establishment and were
15 in museums and that.

16 TAD BRITT: Uh-huh.

17 CHAD SMITH: And it worked quite
18 successfully. And it's a protected area, ultimately
19 protected because it's on the military
20 establishment. And then it's fenced within the
21 establishment itself.

22 TAD BRITT: Exactly.

23 CHAD SMITH: So reinternment within the
24 post, I take it, would not be insurmountable?

25 TAD BRITT: No, it's not. The precedent

1 Cronese right off the installation in the '20s,
2 Rogers took out numerous Mojave cremations with the
3 little stone beads. That's something we're working
4 through with Museum of Man right now where they are.
5 And the Southwest Museum as well. And probably the
6 same is true on post.

7 And ideally those are a meter or more
8 beneath alluvium. Some of this recent deposition
9 stuff as they found on this fiber optic line, it
10 just comes right in over the top -- you've got a
11 veneer of stuff from 500 years that's right over the
12 top of 10,000-year-old stuff or a thousand-year-old.
13 Yeah.

14 TAD BRITT: That was our main purpose, to
15 initiate the subsurface sampling. Because we just
16 really felt like the types of studies that had been
17 done under here were inadequate for today's needs.

18 CHAD SMITH: Just scratched the surface?

19 TAD BRITT: Exactly.

20 WILLIAM HELMER: I had a question.

21 TAD BRITT: Yes, sir.

22 WILLIAM HELMER: Couple of questions.

23 Are all the artifacts found on base here at
24 the museum here, or are they -- any curated at any
25 other museum?

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1 DARRELL GUNDRUM: There are some material.
2 Our collections are really just starting to come
3 together here at the facility.

4 The base itself has been active during
5 periods and inactive during other periods. There is
6 some material my staff has been uncovering recently
7 where we're finding that there are collections in
8 some other museums around Southern California.

9 TAD BRITT: But y'all are working to get
10 those back here?

11 DARRELL GUNDRUM: Right.

12 TAD BRITT: The objective is to get all the
13 artifacts from Fort Irwin here at the curation
14 facility. And it's a curation facility. It's not
15 really a museum, it's a curation facility.

16 WILLIAM HELMER: It would be good to have a
17 list of those museums.

18 DARRELL GUNDRUM: It's been a real process
19 because we have been really going through all the
20 reports that were generated over the years here at
21 the installation. There were periods when this
22 really wasn't an active installation, and there were
23 amateur archaeological groups out here with the
24 San Bernardino County Museum and whatnot.

25 We do have some collections even in

1 TAD BRITT: Some installations actually --
2 or core districts actually have a Native American
3 specialist. That's what they -- they deal with all
4 types of -- whether they be environmental or
5 cultural resources. They interact on a
6 nation-to-nation basis.

7 I believe that's what she's referring to.

8 WILLIAM HELMER: Okay. And just the other
9 question to that.

10 TAD BRITT: I don't think she says they
11 have to be Native Americans. She's just saying, do
12 you have a Native American liaison officer?

13 BARBARA DURHAM: Although one would be
14 preferred.

15 WILLIAM HELMER: If I heard you right in
16 terms of determining cultural affiliation, Fort
17 Irwin is not like some museums or agencies that
18 present the argument, anything older than 500 years
19 is culturally unidentifiable.

20 Is that not your position?

21 WILLIAM QUILLMAN: That is definitely not
22 our position.

23 I think Bob is speaking pretty clearly.

24 They don't wish to have in possession any human
25 remains or funerary items. And I believe that's --

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1 Barstow, at the local museum in Barstow, that we're
2 seeking to get back.

3 WILLIAM HELMER: Okay. Yeah. There's
4 also -- you might need to check out people's
5 garages.

6 ROBERT HORALEK: You're going to have a lot
7 of that. Because particularly in the Superior Lake
8 area, that area has been open to the desert rats for
9 years. And we have no idea what's been hauled out,
10 if you will.

11 And Bill Mann from Barstow has ran tours
12 through that whole area annually for God knows how
13 long. So, yeah, there's bound to be stuff we don't
14 have.

15 BARBARA DURHAM: Is there a Native American
16 liaison for this purpose?

17 TAD BRITT: For the NAGPRA consultation?

18 BARBARA DURHAM: Yes. Yes.

19 TAD BRITT: No, ma'am.

20 BARBARA DURHAM: Is there a thought to fill
21 in a position like that?

22 MUHAMMAD BARI: At the moment we have a
23 manager, Mr. Quillman. He is the PUC for all
24 natural resources and cultural resources.

25 BARBARA DURHAM: Okay.

1 that's the consensus.

2 I mean this is -- the mission of Fort Irwin
3 is training military readiness. It's not to amass
4 archaeological collection. Their main objective is
5 to preserve and protect and manage.

6 And certainly, you know, we're not into --
7 we don't have the kind of research objectives that,
8 you know, pure science, so to speak, has. So that's
9 not at all in Fort Irwin's interest.

10 BETTY CORNELIUS: I have another question.

11 This, to me -- this document, it doesn't
12 have a title. I mean --

13 TAD BRITT: I don't believe you have --

14 BETTY CORNELIUS: Is this the current?

15 This is the one that you sent me. Is that the --

16 LTC OGDEN: It says draft?

17 TAD BRITT: You can have this one.

18 BETTY CORNELIUS: This is mine, the one
19 that you sent me.

20 BARBARA DURHAM: It's the same thing.

21 TAD BRITT: Well, it's just a little
22 different.

23 ROBERT HORALEK: I think what you're
24 referring to is the draft that we want to eventually
25 have you have a chance to go through, look at,

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1 modify, comment on and so forth.

2 We'll, in fact, say "The Names of the
3 Tribes and Fort Irwin" as the title thereof.

4 Right now this is nothing but a very rough
5 draft to start you in that process of helping us get
6 a good agreement that we can all work with.

7 BETTY CORNELIUS: Right here where it says,
8 "Fort Irwin," I think it should include the National
9 Training Center, you know, behind that, because
10 that's the only place that explains what this
11 document is about.

12 The other thing, is that the national or
13 the natural and cultural manager? Is that the same
14 person? Because they have --

15 WILLIAM QUILLMAN: That is, in fact, me.
16 Yes, ma'am.

17 BETTY CORNELIUS: Okay. In this document
18 they either leave the natural out or they leave
19 the -- or they stick Fort Irwin in front of you. I
20 think you should be consistent in how you're
21 describing your position.

22 And I also think that it should go in
23 place -- you know, in front of your installation
24 manager. Now, who is that? I mean is that
25 Col. Flinn?

1 up yet, which will start October 1, we're going to
2 have a number of little issues like that, and we're
3 going to have to refine that as we go.

4 BETTY CORNELIUS: Okay. One other thing.
5 In this section right here, where it says -- this
6 section, okay. It says the procedures to be
7 followed in an event of inadvertent discovery.

8 Now, it makes it sound like this document
9 here is all about inadvertent discovery, and I know
10 it's not.

11 ROBERT HORALEK: Actually, it is.

12 BETTY CORNELIUS: It is.

13 ROBERT HORALEK: And, in fact, my
14 suggestion to you all is we're going to need to do a
15 follow-up document very similar to this, but not
16 necessarily the same, that will deal with the
17 planned work that we do in archaeology so that we,
18 again, have you involved from the day one and have
19 your input on those types of activities.

20 Right now this is aimed at if I'm out there
21 digging a foxhole with a backhoe for a training
22 exercise and inadvertently come up with something I
23 had no intentions of doing, this is the document
24 that will deal with that.

25 But when I'm going out there to do regular

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1 ROBERT HORALEK: Actually, we're not --

2 BETTY CORNELIUS: The installation
3 commander?

4 ROBERT HORALEK: This sounds like a dumb
5 answer, but right now we are going through what he
6 called TIMS, which is now called IMA. We even
7 changed the acronym before we got it in place.

8 But how we're going to divide out the
9 responsibilities between the NTC and the
10 installation commander who is responsible for
11 missions and the actual running of the physical
12 property is still in the process of being
13 determined.

14 And I wrote myself a note down, that when
15 we are dealing with a NAGPRA type issue, it's very
16 unclear to me whether that is, in fact, the
17 installation commander or if that is the garrison
18 commander.

19 The garrison commander, what I'm calling
20 the IMA, in fact, commands these resources. But
21 when you've got an issue out in the training area
22 that can shut training down and must be addressed,
23 that may, in fact, be an NTC installation commander
24 issue.

25 And as we have not even got this thing set

1 archaeological work, we need another document very
2 similar to this that will deal with that issue.

3 MUHAMMAD BARI: That document will be in
4 the cultural resources management plan.

5 TAD BRITT: This is the comprehensive
6 agreement or programmatic agreement that the
7 installation will enter in with each of your
8 individual tribes on how -- it could cover
9 everything from NAGPRA, inadvertent discovery, to
10 Section 106 undertakings, Section 110 compliance,
11 NEPA compliance.

12 We need that between the installation and
13 the Indian tribes so that we have one consolidated
14 document that tells us how we operate with each
15 tribe on every issue.

16 CHAD SMITH: That's what we're --

17 TAD BRITT: Eventually we're working toward
18 that.

19 CHAD SMITH: We're negotiating the
20 comprehensive agreement with human proving ground
21 right now along these lines to address the various
22 legislation, NAGPRA, ARPA, National Historic
23 Preservation Act all in one document, which will be
24 an MOU.

25 TAD BRITT: Uh-huh.

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1 CHAD SMITH: Yeah.
 2 BARBARA DURHAM: Yeah. We're currently
 3 trying to negotiate one with China Lake, an
 4 agreement, an MOU for access, as well as
 5 repatriation.
 6 I think this document, as well as the
 7 document for doing ARC surveys, you need to cover --
 8 you need to have something in there for Native
 9 American involvement. A lot of our tribes, we do
 10 get funding, but not enough funding. We need
 11 funding for tribal consultants to come out, our
 12 tribal elders, our tribal historic preservation
 13 committees to come out and be a part of this.
 14 TAD BRITT: I understand.
 15 BETTY CORNELIUS: I don't know. Tad, maybe
 16 I'm picky. I don't know. But right here where it
 17 says that -- going back to his position again, the
 18 natural and cultural resource manager, now they gave
 19 him -- is that his phone number?
 20 TAD BRITT: It is.
 21 BETTY CORNELIUS: That's his phone number.
 22 TAD BRITT: Except for the 760.
 23 BETTY CORNELIUS: Should that be in the
 24 policy or something like that? Same as up here.
 25 The G3. Now, what is that?

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1 TAD BRITT: That's operations and training.
 2 BETTY CORNELIUS: And that's their code
 3 number?
 4 TAD BRITT: Why it's called G3, I don't
 5 know.
 6 CHAD SMITH: You've got G2, which is spook
 7 stuff.
 8 LTC OGDEN: G3 is operations. It's just
 9 the way. But we put positions rather than people
 10 because people change. So it's always that office
 11 is responsible.
 12 TAD BRITT: Yeah. We agree. This is a
 13 draft. There's certainly -- it's written from an
 14 Army's perspective using Army acronyms. And --
 15 LTC OGDEN: We could add in there
 16 definitions, you know, what acronyms, identify
 17 acronyms.
 18 TAD BRITT: And Ms. Durham brought up a
 19 good point about compensation for tribal
 20 participation. That's something we'll need to
 21 discuss at Fort Irwin.
 22 CHAD SMITH: We ran into this a long time
 23 ago with U.S. Forest Service and developers and
 24 others. And they would say, well, you know, we
 25 can't pay for information that your elders have.

1 And we had the position that, well, it's
 2 not the information that you're compensating them
 3 for. It's their time and effort involved in
 4 participating in the process.
 5 BARBARA DURHAM: And their expertise.
 6 CHAD SMITH: Yeah.
 7 TAD BRITT: Yeah. They're subject area
 8 experts.
 9 CHAD SMITH: Same as a geomorphologist.
 10 TAD BRITT: Exactly. I'm not disagreeing
 11 with you there, but that's not --
 12 CHAD SMITH: And under the latest
 13 regulations for 106, it is stated that ethnographic
 14 studies are an allowable cost of the Section 106
 15 process, which was a major breakthrough for tribes.
 16 Because we came up against that roadblock to
 17 involvement and participation.
 18 And ten years ago we were being told, well,
 19 if you want your important sacred places protected,
 20 then it's up to you to man the -- or field the
 21 people at your expense to come off reservation,
 22 where we're doing this project that could impact
 23 things important to you.
 24 We said, well, you know, we're not the ones
 25 building it, and it's off reservation. You should

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1 compensate us for the time and effort involved.
 2 And we've achieved a lot of that over the
 3 years. So it's not so much an issue.
 4 TAD BRITT: Folks -- yes, ma'am.
 5 BETTY CORNELIUS: Under the archaeology
 6 sites, you know, you said that they were immediately
 7 declared having a 10-meter radius or something like
 8 that. And that the State of California issues their
 9 archaeologist sites a 30-meter radius.
 10 Now, under the NAGPRA here, we have a
 11 50-meter radius, and it says that all work is going
 12 to be halted and stopped. And it says the site will
 13 be protected and stabilized.
 14 Now, my question is, isn't the ARPA
 15 supposed to be covering this and then the NAGPRA
 16 comes behind it in collecting, you know, what you
 17 guys have been collecting?
 18 TAD BRITT: ARPA pertains to outside
 19 entities doing work on a federal installation. This
 20 work that Fort Irwin is doing, they're doing it for
 21 themselves. Therefore, they're exempt from ARPA.
 22 So, therefore, they don't have to comply with ARPA.
 23 They comply with NAGPRA.
 24 The stipulations in NAGPRA, they're not --
 25 the 50-meter radius has nothing to do with what a

1 site definition is. It's just basically a buffer
2 zone for participation.

3 BETTY CORNELIUS: What about AIRFA, doesn't
4 it apply? AIRFA because --

5 TAD BRITT: AIRFA applies, yes, ma'am.
6 That's basically allowing access for elders to come
7 in to conduct religious ceremonies.

8 BETTY CORNELIUS: Maybe I'm dumb, I don't
9 know. But what's a 50-meter radius? How big is
10 that?

11 TAD BRITT: That's 150 feet.

12 WILLIAM QUILLMAN: That's just to protect
13 that site so we can actually make a determination
14 together as to the importance of that site. Then we
15 can pare that down to a workable size. It's not
16 going to say it's 50 meters off limit.

17 BETTY CORNELIUS: That's it's own
18 right-of-way, you might say?

19 TAD BRITT: Yes, ma'am. And it's not
20 written in stone that it won't be bigger than that.

21 The point of that statement is to ensure
22 the site is going to be protected and preserved and
23 monitored until the treatment and disposition has
24 taken place. That's the intent of that buffer zone,
25 is to -- if there was some construction or activity

1 the ultimate goal of this. So that should the rare
2 occasion that it does occur, we know exactly what
3 needs to be done, who needs to be notified and so
4 on.

5 And I would imagine the plans are going to
6 be fairly consistent across the board with all of
7 the tribes because we certainly don't want to give
8 one tribe more or less any claim or, so to speak,
9 you know, to the items, whatever they may be. We're
10 going to try to make them as fair and objective.

11 The process is people -- how we may contact people
12 may be slightly different.

13 But the procedures are going to be very
14 similar so that we don't show favoritism or
15 discrimination.

16 MUHAMMAD BARI: This is a type of a draft
17 document. And we will appreciate some more emphasis
18 on this one so that we can finalize it --

19 TAD BRITT: Sure.

20 MUHAMMAD BARI: -- as soon as we can,

21 And in the meantime, I don't know if Bob
22 can tell me on that. It's a draft. If something
23 comes up, like, tomorrow or something --

24 TAD BRITT: We follow that.

25 MUHAMMAD BARI: -- we follow this one?

1 in that area and they had an inadvertent discovery,
2 all construction ceases within a 50-meter radius of
3 that -- or training or whatever.

4 BARBARA DURHAM: That's two times the size
5 of this room.

6 BETTY CORNELIUS: Two times the size?

7 TAD BRITT: Yes, sir.

8 WILLIAM HELMER: The reason you're doing
9 the -- drafting this is because under the NAGPRA
10 regulations, if you don't have this, you defer to
11 the regs and everything stops for, what, up to 30
12 days?

13 TAD BRITT: They can, yes.

14 WILLIAM HELMER: Yeah. So this kind of
15 makes things more expedient

16 TAD BRITT: Yes, sir. It is. It's a plan
17 of action. This is what we're going to do should we
18 find something.

19 It also has the list of things, information
20 that we need from the tribes should we find
21 something. These are the types of things we're
22 going to be concerned about.

23 And if we can get more of this worked out
24 and formalized into a final standard operating
25 procedure with each of the individual tribes, that's

1 TAD BRITT: Yeah. This has been approved.
2 It's in place at other installations. It works. It
3 may not be the best thing. It may not be the ideal
4 thing for Fort Irwin, but it works. It's been
5 demonstrated.

6 And until we get -- sounds like we need to
7 get with you and get right on the legalese and
8 collect some language.

9 ROBERT HORALEK: I'm rather interested in
10 what you said a moment ago. You had a comprehensive
11 agreement that you're almost ready to finalize with
12 Yuma.

13 Does it come pretty close to what you're
14 looking for?

15 CHAD SMITH: Yeah.

16 ROBERT HORALEK: That might be a real good
17 starting point for this. Take that agreement,
18 modify it for site specific Fort Irwin, and we might
19 be able to get there a lot quicker.

20 CHAD SMITH: I'll get them to send the
21 framework over to Darrell for sure. Yeah.

22 TAD BRITT: All right. That will help us
23 out a lot.

24 ROBERT HORALEK: No reason to reinvent the
25 wheel.

1 TAD BRITT: Exactly. I agree
2 wholeheartedly.

3 Why don't we take a 15-minute break. When
4 we come back, the floor is y'all's, and we'll
5 revisit some of these issues and go off in your
6 directions.

7 Thank you.

8 (Recess taken from 2:39 p.m. to 2:59
9 p.m.)

10 TAD BRITT: Folks, if y'all are ready,
11 we'll get started.

12 This time is for y'all. If you want to, we
13 can start off by revisiting some of the issues we
14 said we would this morning.

15 But before we do that, Darrell has got
16 copies of --

17 Tell me exactly what you've got.

18 DARRELL GUNDRUM: The collection summary
19 report for NAGPRA that was done a few years ago here
20 at Fort Irwin.

21 TAD BRITT: So it's all of your collection.
22 It's not just NAGPRA.

23 DARRELL GUNDRUM: Right -- well, no. It's
24 for NAGPRA inventory.

25 TAD BRITT: Comprehensive collection.

1 He's going to present those to the tribes,
2 and we will send copies to those tribes that aren't
3 here today.

4 DARRELL GUNDRUM: Also, copies of several
5 rock art reports. Some of you have requested these
6 previously, and we've sent them out to you in the
7 mail. Just some of the rock artwork that has been
8 done out here over the years.

9 I just want you to be able to take these
10 back to your nations and tribal elders to show them
11 what kind of motifs and rock art we have here at
12 Fort Irwin because many of them might be concerned
13 with these resources.

14 TAD BRITT: What I'll do is we made some
15 notes this morning on some of the topics for
16 discussion. And let me just run through the list.
17 And then I'll turn the floor over to y'all. And if
18 there's one you want to address, we'll go right into
19 it.

20 But I don't want to -- I want to give y'all
21 this time to talk about those issues and concerns
22 that are -- that y'all may have.

23 One important concern was the Army regs
24 concerning notifications. There was concern that
25 the tribes were not being notified about the testing

1 of archaeological sites and that they would like to
2 see the methods testing plan, as well as the
3 reports.

4 There's another on the collection of
5 artifacts on the -- which artifacts should or should
6 not be collected during inventory. There was the
7 mention of a Native American liaison position here
8 at Fort Irwin.

9 There were some concerns regarding the
10 title of a SOP, as well as some clarifications
11 regarding the natural and cultural resource
12 manager's position, listing of all the tribes, as
13 well as some legal refinements to the proper format
14 of the document that we're going to address.

15 Another major concern was the request or --
16 request to discuss funding for tribal consultants,
17 as well as for travel to do consultation. Basically
18 it's compensation for tribal participation. And I
19 guess that's about it.

20 At this time if you -- one of those you
21 want to address right away or if there's something
22 else you want to move on to, they are noted in the
23 record. We can -- if we don't address them today,
24 we can address them later. But at this time I'm
25 going to turn it over to whoever and whatever y'all

1 want to talk about.

2 CHAD SMITH: I just couldn't save up some
3 of it for this point, so we've touched on a lot of
4 the issues or concerns that the Mojave have.

5 TAD BRITT: Uh-huh.

6 CHAD SMITH: We did have a staff meeting
7 and a discussion specifically about the installation
8 and the ongoing activities and the consultations.
9 I'll brief our board when I get back.

10 And our board is elders and other
11 knowledgeable tribal members. And I think -- I
12 think we'll do some good work with you guys, with
13 the installation and for the culture as well. Both
14 sides can benefit.

15 TAD BRITT: I believe it's the intent of
16 the installation to have real meaningful
17 consultations. And that would include bringing in
18 tribal elders, subject matter experts to address
19 some of these concerns that we may not be fully
20 qualified to evaluate.

21 They understand the need as well as the
22 compliance directives for consultation. We won't
23 get it all addressed today, but certainly hopefully
24 we've established a good and open dialogue to begin
25 to address some of these questions and concerns.

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1 ROBERT HORALEK: If I may touch on one
2 issue as a starting point only, because obviously I
3 don't have any definitive answers right now.

4 The concept of being able to pay the tribes
5 to assist in this process. There's kind of two
6 parts to that. As far as negotiate an agreement
7 between the U.S. Government and your nation, it's
8 very difficult for me to pay you to come negotiate
9 with me. That's just about as difficult under our
10 physical law theory as I can think of.

11 On the other hand, when we are starting a
12 cultural resource project and we're going to go out
13 and do research and surveys and so forth, or we, in
14 fact, come up with some definite sites and so forth,
15 it makes a great deal of sense for me to at that
16 point go out to the tribes and ask for people that
17 have the expertise in this area to come in and
18 consult with us. And obviously as consultants, we
19 would contract with you to do that and be able to
20 pay all your expenses.

21 So as you're kind of mulling through this,
22 that would be one of the thoughts that I would put
23 out to you on that issue.

24 TAD BRITT: I think you said that very
25 clearly and concisely. I think that's --

1 that makes sense, and we're using your expertise and
2 paying for that expertise and so forth.

3 So what I'm saying is we kind of have to
4 make that division between which activity are we
5 involved in? One I can clearly have a justification
6 for using your expertise and paying for it. The
7 other one, I'm actually doing a negotiation with
8 from a totally independent thing. It would be like
9 me walking into the courtroom and paying the other
10 guy's attorney.

11 BARBARA DURHAM: I understand what you're
12 saying.

13 TAD BRITT: And let me -- we're not
14 breaking new ground here. I mean we are for Fort
15 Irwin, but there are precedents that have been set
16 regarding the payment and proper compensation for
17 these tribes. And we certainly need to look at
18 those precedents and do what's best.

19 BARBARA DURHAM: Considering that your
20 sister agencies, the department of -- the Air Force,
21 Navy -- well, not Navy yet, but we're working on
22 it -- they're already doing this with the tribes.

23 MUHAMMAD BARI: I am the program manager
24 here on the environment side. I will look into the
25 precedents from the DOD entity and also the federal

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1 BARBARA DURHAM: I kind of see this as a
2 steppingstone to what you want. Those people should
3 be here with us -- our elders, our tribal
4 consultants -- to lay down the framework now. And I
5 see it as no separation there.

6 ROBERT HORALEK: Let me see if I can put it
7 in slightly different terms.

8 At the moment what we're negotiating is an
9 agreement between two nations. And that would be
10 very similar if I were negotiating with the Soviet
11 Union or China or anyone else.

12 Clearly, I don't pay their expenses to
13 enter into those negotiations because that's to
14 their benefit. And we're adversaries to a certain
15 degree in the sense that, yes, we both want to come
16 up with the right answer at the end of those
17 negotiations that's good for both of us.

18 But if I pay you to negotiate with me, then
19 have I already bought your answer with my pay?

20 That's one issue.

21 On the other hand, the issues of sitting
22 down and working out a cultural resource program
23 that meets the standards that we all believe it
24 should meet, that's not a negotiation. That's where
25 we're working together to establish an end product

1 laws. What allows us, we will do that.

2 BARBARA DURHAM: Okay.

3 BETTY CORNELIUS: We're not -- the base
4 here has all these archaeology sites. And we're not
5 here to stop your program or your projects. We're
6 here as a voice of what our ancestors left here.

7 And so in a lot of ways, you need us
8 because the people that we represent here today, you
9 know, they are the ones with all the answers, and
10 they are considered to be the experts.

11 So in other programs that we go to, they do
12 receive an honorarium. So I think that --

13 ROBERT HORALEK: Ma'am, I agree with you a
14 hundred percent.

15 What I'm trying to say is right now, just
16 working out an agreement as to how we will proceed
17 between ourselves is one aspect.

18 Once we start the program, we absolutely
19 need your expertise to help us with that, and that
20 we can pay for.

21 And you're absolutely correct. Once we
22 start the program and are trying to work all of the
23 cultural resource issues here, we can't live without
24 your expertise. And that we have every reason to
25 pay for.

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1 TAD BRITT: Yeah. We have to follow our
2 laws, the federal laws. But, you know, we also
3 realize -- I think we're all in agreement that we
4 agree that you need to be compensated, but we also
5 need to make sure that it's done legally and within
6 the limits of what the government can provide.

7 I don't think in the long-term there's
8 going to be any problem. I think that we'll look at
9 existing precedence. I know there are ways to work
10 through this. And I don't really see this as a
11 hinderance, but it is a concern and I understand
12 that. And that's -- you know, we want to address
13 it, and we want to do -- or Fort Irwin wants to do
14 the best thing they can that's legal.

15 And eventually I think that all parties
16 will be happy.

17 And Fort Irwin, you know, as well as the
18 Native Americans will ultimately be the
19 beneficiaries of this relationship. We'll get a lot
20 better information and exchange of information.

21 MUHAMMAD BARI: I want to bring up a point.
22 To accomplish the mission over here, we are asking
23 you to assist us and work with us to take care of
24 the cultural resources over here. The first major
25 step that we are going to do is the NAGPRA hearing

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1 we are doing here.

2 I need help on two sides, two things: one
3 is on the NAGPRA issues. The other thing is on the
4 integrity operations over here. We are in the
5 process of finalizing that draft on the cultural
6 resources management plan. And that will be a live
7 document that will be sent to you for your comments
8 and review.

9 In the meantime, what we have established,
10 as Darrell can, I think, confirm that for me, we are
11 writing you letters. We are writing you letters
12 first informing you and asking you any information
13 regarding a certain area about ancestral
14 relationship and any information you have on us.

15 And at the same time we are telling you
16 that we are going to perform this operation on this
17 project in this area.

18 Then we do the surveys of that area. And
19 if there are some sites, we note those sites for the
20 evaluation and send you the plan of action, what we
21 want to do on that.

22 If we are sending those letters to the
23 tribes, we are expecting some speedy response, if
24 you may. And is there any possibility, any way of
25 us understanding, yeah, you have received the letter

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1 and you have received the report for the comments?
2 And is there any duration we can expect, maybe
3 within 30 days, regards some response and we can
4 proceed on that?

5 BARBARA DURHAM: A lot of times tribal
6 councils will hold monthly meetings. So sometimes
7 there is a time crunch, you know, whether you're
8 going to get a response back within that 30 days,
9 you know, depending on when we get that letter.

10 So sometimes it could be over 30 days when
11 you'll -- before you'll get a response back if we
12 have to take it to our tribal councils.

13 MUHAMMAD BARI: Maybe if we can somehow get
14 maybe a telephonic or some sort of response that,
15 yes, we are working on this issue, we can wait for
16 the response. If there is no response, we take it
17 as an understanding as you agree with our request or
18 with our information or with our report, and we
19 proceed on that.

20 That's what I was asking.

21 BARBARA DURHAM: Uh-huh. Currently the
22 Timbi-sha tribe has worked out a consultation
23 agreement with the Death Valley National Park where
24 information comes in, that they'll get a response.

25 Bill, maybe you want to explain that.

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1 WILLIAM HELMER: Yeah. We worked out --
2 and that might be -- we can give you these copies.
3 They have been signed by the superintendent of Death
4 Valley National Park and the Tribal Chair, working
5 out exactly that issue of consultation and phone
6 calls and trying to get this as soon as you can, but
7 if -- but, you know, we had it a 40-day, at the
8 extreme, 45 days, but with phone -- with trying to
9 narrow that down and special circumstances and
10 things like that.

11 So that could be a model here as well.

12 At the same time, we worked out an MOU with
13 them, the Heritage Stated Transfer MOU, working out
14 an agreement that gave the tribe access to
15 confidential archaeological site records, which
16 would then be -- so the tribe can use that in their
17 database and also for working with the -- Death
18 Valley in protecting those resources.

19 And there are procedures in there for
20 keeping with limited access, lock case, you know,
21 procedures for keeping those documents confidential.

22 So that could be another example we could
23 give you.

24 MUHAMMAD BARI: Thanks.

25 TAD BRITT: I think we're probably all in

1 agreement that there are some standard operating
2 procedures that we could formalize in an MOU for
3 things such as undertakings, the NAGPRA SOPs, EIS's,
4 things like that, that we could formalize an
5 agreement document that these are how we will
6 correspond and, you know, reasonable expectation of
7 response.

8 And certainly, you know, it's not --
9 it's -- I'm sure Darrell is not averse to picking up
10 the phone and calling y'all, you know. So we have
11 to work on it from both ways.

12 ROBERT HORALEK: That's two documents we've
13 identified, the Yuma one and then the one we've just
14 mentioned.

15 Does anybody else know of others that we
16 might also roll in and turn this into one large
17 document that could address a number of things?

18 WILLIAM HELMER: Or there could be
19 elements, common elements between tribes, but
20 probably each tribe has their own specific set of
21 criteria.

22 ROBERT HORALEK: And that's fine. But if
23 we just start with a document we could send out to
24 all the tribes to look at and modify to their needs,
25 we can all get there a lot quicker.

1 sort of personal response back, yeah, we are working
2 on this thing or, yes, we agree, telephonically.

3 WILLIAM HELMER: Yeah.

4 MUHAMMAD BARI: If we do that, I think we
5 have achieved more. One is the communication
6 channel open. The other is that what we are looking
7 for is speedy response or a closure of that action.

8 TAD BRITT: What's important to understand
9 for the Fort Irwin folks is that a lot of these
10 tribes don't have the resources that the federal
11 government has. They may only meet once a month. A
12 lot of these people may have two or three different
13 positions within the group.

14 I'm not -- I'm not trying to make any
15 excuses. I'm just saying this may be how it is
16 within these groups, and if we can better understand
17 that, maybe we can help to figure out a better way
18 to communicate. But -- or they may have outside
19 jobs.

20 So there's -- you know, we've got to be a
21 little understanding. But, yes, at the same time, I
22 understand Fort Irwin needs to have an answer.

23 MUHAMMAD BARI: On the plan project, there
24 is no problem. But our mission over here is to
25 train the force.

1 LTC OGDEN: That's what Muhammad was
2 talking about, integrating that resource. That's
3 what we want to send out to y'all to review.

4 And maybe there could be annexes in the
5 back for each nation to delineate their specific
6 requirements.

7 I think one thing, also, Muhammad was
8 asking is also when we do send out letters, that if
9 we can at least get some feedback that, in fact, you
10 received it. Because we're not sure in many cases
11 whether you received it or not.

12 TAD BRITT: You can also send it certified
13 mail.

14 LTC OGDEN: I think we may do that from now
15 on.

16 But maybe there's some feedback mechanism
17 that we got it, we're looking at it.

18 WILLIAM HELMER: That's a good point
19 because there is certified mail, but then making
20 sure that the proper people have seen that, you
21 know, to get that feedback.

22 MUHAMMAD BARI: We send the information by
23 certified mail. We do that. And we get the receipt
24 back also.

25 But I think the personal contact or some

1 During the mission operation, our
2 accomplishment of the mission, we have an issue
3 where we need a rapid response. That's where we're
4 talking about that. If we can have some open
5 channel of communication or if we can achieve that,
6 that's where the commander will have a good tool in
7 his hand to accomplish the mission.

8 BARBARA DURHAM: I think we need to set a
9 date for the next meeting.

10 MUHAMMAD BARI: Actually, that was the
11 exact question. How soon we can expect some sort of
12 response of something? We can set the next meeting,
13 I guess.

14 TAD BRITT: Absolutely.

15 WILLIAM HELMER: And, also, when were you
16 sending out the draft of the integrated management
17 plan?

18 TAD BRITT: Yeah. Let me go back on this.

19 I'm going to get Reagan's transcripts in a
20 couple of weeks. I'm going to supply -- Susan is
21 going to be compiling the final report. She should
22 have a draft report in about a month.

23 I'm going to look at it. I'm going to
24 insert all of our presentations and the transcript
25 so everybody has everything. And then I'll mail

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1 those out. I'll mail them out from my office.
 2 Probably at the same time we'll be asking
 3 Darrell and his staff to draft a letter for Mickey's
 4 signature announcing a new meeting with some new --
 5 with these topics that we'll talk about.
 6 We've kind of given you the perspective of
 7 Fort Irwin, what the mission is, what the programs
 8 are.
 9 I see us at this next meeting really
 10 getting into the issues. And I think the top one
 11 should be this -- standard operating procedures.
 12 Then maybe looking at some other types of agreements
 13 for more routine-type activities.
 14 I don't want to set the tone for that now,
 15 but those are obviously some things that we are all
 16 in agreement on that need to be talked about.
 17 I would say anywhere between three and six
 18 months would be a good time to have the next meeting
 19 if y'all are ready for that. Give ourselves plenty
 20 of leeway. We could have it off site.
 21 You know. We'd like to -- we'd certainly
 22 like to get more tribal participation. It may be,
 23 you know, because of the remote location, just could
 24 have been a number of factors why they weren't able
 25 to come. But if we could have it in a more

1 EIS.
 2 TAD BRITT: Correct.
 3 WILLIAM HELMER: But will that -- will the
 4 whole thing -- I mean isn't there some confidential
 5 information in there that won't -- or will the whole
 6 thing be --
 7 TAD BRITT: There won't be any locational
 8 information, no.
 9 WILLIAM HELMER: Okay.
 10 TAD BRITT: What we're doing is attempting
 11 to kill two birds with one stone by satisfying NEPA
 12 compliance and NRHPA by -- the revised regs now
 13 allow us to include that information in the NEPA
 14 document. That is our intent, to do that, so that
 15 we have one report. That way you only have to
 16 review one report.
 17 CHAD SMITH: But as an appendix of the
 18 SEIS, the draft, there will be the complete
 19 archaeological survey report rather than just
 20 excerpts?
 21 TAD BRITT: Correct. Right. The EIS will
 22 have the affected environmental -- you know, the
 23 little thousand pages condensed down to one
 24 paragraph type thing, but the full and complete
 25 report will be appended to that document. And

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1 favorable location and really get into the matters
 2 at hand, that would probably be more productive.
 3 SUSAN PERLMAN: How much lead time -- I'm
 4 sorry.
 5 TAD BRITT: Go ahead.
 6 TIMOTHY REISCHL: One question I would like
 7 to ask before we set a date is, do y'all see any
 8 more stoppers for the land expansion because of the
 9 time line -- because of what you heard today that I
 10 have to consider now that might drive requirements,
 11 more than just the setup of the nation-to-nation
 12 agreements, things like that?
 13 Because I'm operating on a Congressional
 14 time line that basically says my document has to be
 15 out in January. And it has to be approved in
 16 June as per the law that was passed.
 17 And what I'm looking for is do you see --
 18 do you see big problems with what you have heard
 19 today and what is happening with the land expansion?
 20 WILLIAM HELMER: Well, one question is,
 21 when would that -- the archaeological report be out?
 22 Because that would be kind of key to the cultural
 23 component of the EIS.
 24 TAD BRITT: Sure. Let me explain.
 25 TIMOTHY REISCHL: It will be in the draft

1 obviously it won't be sent out to parties that don't
 2 have a demonstrated interest in knowing that
 3 information.
 4 TIMOTHY REISCHL: Now, it's -- once it goes
 5 out, it's a matter of public record. And it -- now,
 6 there -- I will tell you, there -- we've recognized
 7 the need to not put out all of the specific
 8 information.
 9 For example, in our milk vetch study, we
 10 have exact locations of every plant we found. But
 11 that's not going to go into this public report.
 12 Densities will go in there and things like that and
 13 by whatever is right.
 14 But whatever goes in that EIS, in the
 15 draft, is a public document. And anybody can take
 16 it. Anybody can copy it. So --
 17 TAD BRITT: We'll work this out.
 18 But there are certain provisions for
 19 sensitive information that doesn't -- that is not in
 20 the public domain -- archaeological site locations,
 21 things like that. We can cross that bridge --
 22 TIMOTHY REISCHL: And they won't be in
 23 there.
 24 WILLIAM HELMER: But we would like to see
 25 those.

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1 TAD BRITT: Sure you would. And we can
2 supply those to you.
3 CHAD SMITH: So it would be as a
4 confidential appendix.
5 TAD BRITT: Yeah.
6 CHAD SMITH: And that the interested
7 parties, Sierra Club or others, could get expurgated
8 reports that wouldn't have site location
9 information.
10 TIMOTHY REISCHL: Somebody with a need to
11 know would have access to that information.
12 CHAD SMITH: Yeah. Yeah. Yeah.
13 TIMOTHY REISCHL: But there's a lot of
14 things like that that we're dealing with.
15 Everything from mine sites to everything else.
16 TAD BRITT: Uh-huh. Yeah. There are ways
17 to deal with that.
18 WILLIAM HELMER: Is there a way to get
19 ahold of that report before the EIS is out?
20 TAD BRITT: You'll look at the draft. It
21 will be included in the draft EIS.
22 WILLIAM HELMER: Is there a way of getting
23 it beforehand? Because that might be -- if we're
24 just on the same time frame, if it's -- I don't
25 know.

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1 TIMOTHY REISCHL: When are we going to get
2 it?
3 TAD BRITT: We're getting field management
4 summary the 15th of September.
5 CRAIG SMITH: The final report is March --
6 or our draft is in March.
7 TAD BRITT: The final report is March.
8 TIMOTHY REISCHL: I need it earlier than
9 that.
10 WILLIAM HELMER: That's during the comment
11 period. The comment period begins when? In
12 January?
13 TIMOTHY REISCHL: In January.
14 WILLIAM HELMER: So how does that work?
15 TAD BRITT: We'll have to go back and look
16 at the schedule because I know we had all of this
17 worked out.
18 TIMOTHY REISCHL: I will tell you that
19 we're sending pieces of it to cooperating agencies
20 and all of that stuff.
21 And if I could get ahold of it, I see no
22 reason why we couldn't send it to you for comment.
23 WILLIAM HELMER: Okay.
24 TIMOTHY REISCHL: Because obviously we'd
25 like your input.

1 TAD BRITT: Yeah. I don't see -- however
2 y'all want to see it is fine with us.
3 TIMOTHY REISCHL: There's a question when
4 it's going to be prepared.
5 BARBARA DURHAM: What about the tribes
6 being considered cooperating agencies?
7 TAD BRITT: Question for him.
8 TIMOTHY REISCHL: I don't think you want to
9 be because of the requirements of a cooperating --
10 being a cooperating agency puts on you.
11 But we can give you anything you want. I
12 mean we don't -- we can almost consider you a
13 resource, you know, to proof and things like that.
14 But cooperating agency requires -- has
15 mand- -- according to NEPA, has requirements for you
16 to do things that I don't think we want to put on
17 you. Mandatory reviews and things like that.
18 But honestly, we want to solicit input from
19 you. So we would just send you -- call me and we'll
20 send you whatever you want. If we've got it, we'll
21 send it to you. It's all public. The Army is
22 paying for it all, which means we're all paying for
23 it all.
24 WILLIAM HELMER: All right. That sounds
25 good. Yeah.

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1 TIMOTHY REISCHL: But in terms of the
2 cultural resources study itself, it's just a
3 question of when we have something to send you.
4 TAD BRITT: We can send you some stuff by
5 the end of September, preliminary information --
6 sites, types of sites, management-summary type
7 information.
8 But, you know, it will probably be 90
9 percent accurate. There may be some final
10 refinement of consolidating sites or low side into
11 one side or, you know, getting results back from
12 test analysis that won't be ready by the end of
13 September.
14 We're doing thermoluminescences and
15 radiocarbon. Those certainly won't be in there.
16 They'll be in the draft, in the final. It shouldn't
17 change that much.
18 But, again, it will just be in a management
19 fashion. It won't be -- you're not going to get the
20 cultural history and an in-depth methodology
21 section, and, you know, you're not going to get the
22 106 type of stuff for this management summary.
23 You'll get that later, the draft stage.
24 WILLIAM HELMER: Okay. And that was
25 another question I had about this section.

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1 How exactly are you handling this
2 Section 106 consultation?
3 TAD BRITT: For the land expansion?
4 WILLIAM HELMER: Yes.
5 TAD BRITT: We're following the regs.
6 We're consulting with -- you should have received a
7 letter with some maps, explaining the undertaking.
8 Those are the maps you didn't get. You got the
9 letter, but didn't get the maps.
10 DARRELL GUNDRUM: Just got the letter
11 today. For some reason it didn't get through.
12 TAD BRITT: Did the rest of you groups get
13 the letter in the mail?
14 CHAD SMITH: We got our letter, yeah.
15 TAD BRITT: Okay. Basically it explains
16 the undertaking, and we're seeking information.
17 We're sharing information. Gives you a time line.
18 I can't remember the letter. Maybe if we can pull
19 one out.
20 WILLIAM HELMER: And so you're consulting
21 with SHPO at the same time?
22 TAD BRITT: Correct. We're consulting.
23 WILLIAM HELMER: That's one thing that we
24 have had from bad past experiences is we'd like to
25 have a cc of all correspondence with SHPO to the

1 this relationship so we can answer any of your
2 questions.
3 Our bottom line is we want to do the right
4 thing. We want to train the troops, but we don't
5 want to destroy the heritage that was here.
6 CHAD SMITH: I think it's going to be
7 necessary for tribes and some of the agencies to
8 question California SHPO on its performance in its
9 duties of administering Section 106 under the
10 National Historic Preservation Act because recent
11 budget cuts, even before the latest ones, led to --
12 And it was not California, SHPO, NOX
13 (phon.) or Mr. Abeyta's fault. It was as much Gray
14 Davis' fault as anyone's because he vetoed portions
15 of the funding bill that would have funded reviewers
16 at Sacramento for CEQA projects under the State
17 Environmental Quality Act.
18 And those positions were not filled. And
19 it led to on the Owens Dry Lake Dust Abatement
20 Project, no one at Sacramento reviewing the
21 so-called archaeological survey reports that were
22 based on vehicular reconnaissance rather than
23 pedestrian survey.
24 And I'm still looking to tear those
25 archaeologists up in the professional meetings over

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1 tribe so that we're on the same page and not --
2 TAD BRITT: That's -- the installation
3 needs to decide that.
4 WILLIAM HELMER: Because it's public. It's
5 not confidential information.
6 TAD BRITT: I have no problem with it, but
7 that's the installation --
8 WILLIAM HELMER: The tribe has had problems
9 in the past to where SHPO has signed off on --
10 without consulting with the tribe on what should be
11 signed off.
12 TAD BRITT: And there is an inequity
13 between the tribes that don't own federal land and
14 the SHPO. I mean the way the regs were written is
15 that you don't have to have concurrence with the
16 tribes. That's the law.
17 WILLIAM HELMER: But at least to have that
18 correspondence cc'd so then that gives the tribe the
19 opportunity for them to talk to SHPO before
20 anything's signed off.
21 TAD BRITT: I think that's a reasonable
22 request.
23 WILLIAM QUILLMAN: I have no problem with
24 doing that. There's nothing we're trying to hide.
25 This is an open-door policy. We're trying to build

1 using ATVs and calling it survey.
2 And I feel that lack of staff and lack of
3 funding is now cutting into not just state projects
4 having their proper review, advice and consent or
5 concurrence by SHPO, but these federal projects.
6 And I think you'll start seeing no response
7 within the 14 or the 30 days by SHPO and projects
8 proceeding on. And it's not a good situation.
9 And it's not SHPO's fault.
10 TAD BRITT: Right.
11 CHAD SMITH: It's a funding problem.
12 TAD BRITT: Every indication I've had with
13 Fort Irwin is they follow the California guidelines,
14 but their standards are much higher than those, the
15 reporting standard.
16 I mean I've worked with Darrell and I've
17 worked with Mickey. They -- you know, they're way
18 above the minimum compliance standards. They're
19 about stewardship, doing the right thing, protecting
20 and preserving and managing. And that's, you know,
21 the way it should be. They have the resources. You
22 know, the State doesn't always have the resources.
23 MUHAMMAD BARI: We have to accomplish the
24 mission and we want to do the right thing, but we
25 certainly don't want to fall into any political

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1 trap. If CEQA doesn't have the funding or the State
2 isn't doing something, we don't want to fall into
3 that.

4 As we have already discussed this, that
5 anything related to the tribes, we can copy to you
6 that we are sending -- which we are sending to the
7 SHPO. But certainly we don't want to become a
8 party, whether they are doing the right review or
9 not.

10 TAD BRITT: Based on your experience, the
11 SHPO has -- there have been no problems with the
12 SHPO. right?

13 DARRELL GUNDRUM: No. They're underfunded,
14 of course.

15 TAD BRITT: As I said, Fort Irwin has a lot
16 better resources. I'm sympathetic because I have
17 been in that situation where the SHPO literally
18 rubber-stamped things, and that's not the right way
19 to do -- carry out their responsibilities.

20 DARRELL GUNDRUM: Probably not only the
21 SHPO office, but federal agencies everywhere or
22 state agencies, there's manpower problems and
23 funding problems, and that's just part of life. And
24 I'm sure the people in those positions and jobs are
25 trying to do the best job that they can. It's just

1 acceptable to all.

2 TAD BRITT: Sure. Yeah.

3 LTC OGDEN: Anybody got any ideas? What
4 would be the most convenient place for the majority?

5 CHAD SMITH: Tribal casino.

6 SUSAN PERLMAN: What is a central location?

7 TAD BRITT: I actually wrote down in my
8 agenda 120 days we need to schedule a next meeting,
9 talk about the comprehensive agreement, brief you on
10 the results of the predictive model, finalize the
11 NAGPRA. kind of the things we have been talking
12 about today.

13 But we can send out a letter with
14 discussion topics. Hopefully we can get a lot of
15 this done via correspondence before we meet. If we
16 could get some written comments back on these
17 standard operating procedures. I will certainly
18 incorporate what we've recorded today.

19 But if we could get in a little bit better
20 format and send it out again and get some comments,
21 we may have that taken care of at our next meeting
22 where we can --

23 LTC OGDEN: I think, too, if we can update
24 maybe our points of contact because there have been
25 some personnel changes. And with the relevant phone

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1 resources.

2 TAD BRITT: Yeah.

3 By the way, when we did present the
4 predictive model to the California SHPO. I would say
5 they were impressed and were waiting for the
6 outcome. There was some interest in basically using
7 that model as a model for other -- Twentynine Palms,
8 China Lake. That's -- the whole purpose of our
9 regional approach, was that we could take and build
10 something that could be used across the Mojave
11 Desert. So...

12 Any more questions? Comments?

13 Do you want to go back and revisit some of
14 these topics we covered this morning?

15 I do want to go back. Let's talk about
16 setting a next meeting.

17 Is three to six months a reasonable amount
18 of time? I know that's three months -- a window of
19 three months, but we realize that these people have
20 other jobs and y'all have other jobs.

21 WILLIAM QUILLMAN: Probably January or
22 February would be a good time frame, after the first
23 of the year.

24 TAD BRITT: Okay. Is that acceptable?

25 LTC OGDEN: And at a new location that's

1 numbers and maybe possibly e-mail addresses, that
2 will help because we might be able to pass a lot of
3 stuff.

4 For instance, you know, the NAGPRA. once we
5 get Yuma's, send that out and get some comments so
6 that hopefully when we come back to the next meeting
7 we'll have another draft, but with all your comments
8 incorporated in them.

9 TAD BRITT: What I did to compile the list
10 for this meeting -- and I began a couple months ago,
11 but since then there have been tribal elections. I
12 looked on the federal Web site for Bureau of Indian
13 Affairs. It gives the federally recognized tribes,
14 chairperson, other officers and contact information.

15 I called those numbers, got updates because
16 that list is only updated periodically. And since
17 that time, unfortunately, there have been some
18 elections, but, you know, we'll do that again.
19 We'll call and follow up and try to keep as much
20 current.

21 And ideally, if y'all could notify us, it
22 would help us a lot when you have change of staff.
23 Send us an e-mail. Send us a postcard. That would
24 be, you know, appreciated as well.

25 MUHAMMAD BARI: In the next few days we

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1 will be contacting Yuma proving ground for the copy
2 of the NAGPRA SOP, what we were talking about. And
3 also we will talk to the Death Valley folks and get
4 whatever we can get to finalize this document.

5 But in the meantime, we would request,
6 please review this draft as what we have and see
7 what you don't like or what you want to add and what
8 would you like to see in this one.

9 So that way we can talk informally or
10 formally to meet the final role of finalizing the
11 SOP.

12 We are working on the ICRMPR too.

13 And I think Darrell is going to give you
14 some deadlines on that one.

15 DARRELL GUNDRUM: Hopefully within about a
16 month or so we will be able to get the ICRMP out.
17 This is the ICRMP. It's actually two parts. This
18 is confidential site information of all the sites we
19 have here at Fort Irwin. And then there's the main
20 body of the text.

21 It's a rather large document. It's a
22 living document. It's revised yearly, and it goes
23 under a major review every five years. But this is
24 where we need your comments on this draft to be
25 incorporated into the final.

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1 WILLIAM HELMER: Is that a new draft? When
2 is that -- this draft, it's going to -- the new
3 draft is coming out next month?

4 DARRELL GUNDRUM: We could probably have it
5 done in about a month.

6 TAD BRITT: Can you put that on a CD?

7 DARRELL GUNDRUM: Yeah. It could be sent
8 out on a CD, hard copy form.

9 WILLIAM HELMER: And when was the old one
10 done?

11 DARRELL GUNDRUM: Originally it was put
12 together in 1998. It has a long history. It was
13 initially created in 1998 by Science Applications
14 International Corporation.

15 The staff here at Fort Irwin, cultural
16 resources personnel updated it last summer. It was
17 completed last summer, August of 2001.

18 WILLIAM HELMER: Okay.

19 TAD BRITT: And hopefully we can get our
20 data in there this week.

21 WILLIAM QUILLMAN: What I would like to do,
22 also, is once we get the draft from Yuma, we can put
23 that in the appendix of that so you will have just
24 one document to look at within the next 30 to 60
25 days.

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1 Also, one more point. If anybody needs to
2 talk to me, I've given out my cards. I've got more
3 here. Don't hesitate to call me.

4 But for consistency and continuity, if you
5 have just a general run-of-the-mill question or
6 something like that, your real point of contact
7 should be Darrell. Dr. Gundrum is well versed in
8 what's going on here at Fort Irwin.

9 I'm not always around, unfortunately,
10 because I'm out at meetings and other stuff. But
11 normally he is, so he would be the more logical
12 person to contact.

13 But if you have any questions for me,
14 please don't hesitate to call me, and I will do
15 whatever I can to answer them.

16 MUHAMMAD BARI: That's all three, even four
17 of us: Darrell, me, Mickey and Mr. Horalek also.
18 We are all here. And I think we are on the sign-in
19 sheet also. You have our numbers.

20 And any one of us you can ask any question.
21 If I don't have, I will ask these guys and get the
22 answer to you.

23 TAD BRITT: Any more questions? Comments?

24 BARBARA DURHAM: Have we decided where
25 we're going -- our next meeting is?

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1 TAD BRITT: No, we haven't. We've picked a
2 couple of months. I think we've all agreed we will
3 do it off site.

4 What we'd like to do is maybe one of the
5 tribes would like to host it. We could do it there.
6 I'm just throwing some ideas out. Or at a location
7 that's easier to -- that's more centrally located.

8 MUHAMMAD BARI: I can suggest Palm Springs,
9 Riverside, Las Vegas. Pick one.

10 TAD BRITT: I don't know exactly where you
11 all came from. I know Mr. Swain came from Utah.
12 Some folks came from Arizona. So there's -- looks
13 like we may want to look east of here. I'm not
14 sure.

15 CHAD SMITH: Possibly Las Vegas.

16 BARBARA DURHAM: That's what I was
17 thinking.

18 MUHAMMAD BARI: Laughlin is good place
19 also. Laughlin is not bad either.

20 CHAD SMITH: Well, then, our casino and
21 hotel where we do have conference rooms, facilities,
22 is in Laughlin, of the Mojaves, the Avi, which means
23 mountain and also means cash in the Mojave language.

24 And I can inquire and get back to you on
25 that.

1 We have hosted the Intertribal Water
2 Protection Network meetings.
3 And probably in October, next month -- and
4 I haven't made the arrangements yet -- we're going
5 to be funded by BLM to host an organizational
6 meeting to establish a site steward group in the
7 Needles area in collaboration with Needles BLM. And
8 we already work closely with the Kingman BLM site
9 stewards.
10 And the site stewards is archaeologists and
11 average people, as well, that take an interest in
12 protecting the cultural resources in the back
13 country, doing everything from picking up trash,
14 doing, like, an adopt-a-site that they can even --
15 some can see a mile away through binoculars from
16 their house, a site that has had vandalism or that
17 they are protecting from getting vandalism.
18 And there isn't one organization in the
19 Laughlin area, but there is in the Las Vegas area.
20 So some of them are coming down to the meetings as
21 well.
22 So we'd be finished with the aftershocks of
23 that, planningwise. And it's a pleasure to spend
24 BLM's money to do a positive thing like this too.
25 So January or February we could do it. And

1 I'll go ahead --
2 TAD BRITT: Does that sound good to
3 everybody here?
4 CHAD SMITH: I can start the ball rolling.
5 Also, there's reduced rates, prearrangement, and
6 it's -- it's good.
7 TAD BRITT: Okay. Well, we'll write that
8 up and tentatively plan on that.
9 For those groups that aren't here, is that
10 a good location, that you know of? If you know
11 those groups.
12 PHIL SWAIN: We'll make it.
13 MUHAMMAD BARI: I think I would personally
14 request you guys, if you convey the message to the
15 other tribes if you are in communication with,
16 please encourage them to attend this. We all want
17 to do the right things here.
18 TAD BRITT: Certainly at our next meeting
19 we'll have, Mr. Earle will have spoken with all the
20 tribes. Should have his report finished or
21 certainly a draft ready for review.
22 We'll update you on everything that we've
23 done, talked about today.
24 Yes, sir, Mr. Swain.
25 PHIL SWAIN: Are we ready to wrap it up?

1 TAD BRITT: Yes, sir.
2 PHIL SWAIN: Are we?
3 TAD BRITT: Well, we've got -- we can stay
4 here until 4:30.
5 MUHAMMAD BARI: I started packing already.
6 PHIL SWAIN: Well, no. I usually save my
7 comments for the last.
8 TAD BRITT: Okay.
9 PHIL SWAIN: What I've heard today, you
10 know, from the chairman's office -- we're a small
11 tribe. And like you mentioned before, you know, we
12 all just can't get up and come here on the Army's
13 beckoning and drive out in the middle of nowhere,
14 okay.
15 And what I see here -- and I hear the
16 comments about, you know, not being able to pay our
17 people to come down here to do these things, you
18 know, to assist you with this draft.
19 And I think if you're going to not reinvent
20 the wheel but, you know, make the wheel better, then
21 you're going to have to go out and get something to
22 add to this thing, that I'm sure that somewhere the
23 Army --
24 And this is my first meeting to a NAGPRA
25 event here. And I see that from our tribe, you

1 know, it's hard for us to just get up and go. And
2 we're not as, you know, cashy as some of the other
3 gaming tribes, but, you know, we get around. And we
4 do a lot of these things too.
5 And, in fact, that's what I was going to
6 ask the attorney here, you know, how much
7 involvement do they really have into this draft
8 agreement in itself, you know, because I think
9 there's a lot of things in here that's probably
10 missing.
11 I did have a time, like the young lady
12 here, to go through this, and she's probably been at
13 this for ten years. And I commend the people that
14 are here because they are interested in stuff.
15 But, to me, if I turned this over to my
16 attorney and I have him look at it, you know, we may
17 have a different situation here. And I don't know
18 if I want to do that.
19 And I'm listening to this gentleman here
20 talk all day, and he seems to know quite a bit about
21 this stuff. So I'm thinking, you know, with the
22 people that we have here, whether or not we could
23 actually look at this -- and it says a draft on
24 here. And I guess we're using it, you know. And I
25 don't see whoever the commanding general's signature

1 on here or if he actually approved this or, you
 2 know, it's what they're using today. It, being a
 3 draft, you know -- I mean what are you using --
 4 TAD BRITT: He wouldn't sign that until
 5 it's been approved.
 6 PHIL SWAIN: What are you using if you're
 7 not using this, you know, for many of the things
 8 that are happening here, you know?
 9 And where the guy wants a response in 45
 10 days, you got to remember that a tribal office, you
 11 know, just doesn't get, you know, a request from
 12 Fort Irwin for a Land Expansion Project, you know.
 13 We've got Yucca Mountain, we've got Nellis, we've
 14 got Hoover Dam bypass. We've got every federal
 15 agency here in the free world beckoning us to read
 16 documents this thick.
 17 TAD BRITT: Sure.
 18 PHIL SWAIN: And if we don't have -- seems
 19 to be part of the Mojave tribe where he has a job to
 20 do that. Many of us don't have that luxury of
 21 hiring a cultural resource person. We have to
 22 depend on our volunteers to do that, and it's hard
 23 to get a volunteer to go down there to Fort Irwin,
 24 you know.
 25 I tried to tell them that's where General

1 Patton was trained, you know. We can see his head,
 2 you know. But, no, they didn't really care about
 3 that, you know. So I'm the one that's left to come
 4 down to listen to this stuff, you know.
 5 And so the guy here is talking about all
 6 these other things, and I'm just appalled. And I
 7 guess it's possible that you can do this, that you
 8 can transplant a tortoise from here to another spot.
 9 You know, I didn't think you could do that. But
 10 that's my own ignorance because I don't go to a lot
 11 of these meetings.
 12 And I'm wondering, you know, how that would
 13 affect us.
 14 Up there in the deserts of Nevada, you
 15 know, where we battle, you know, the other side,
 16 we're told we can't do this, you know. And yet
 17 maybe for the sake of the Army, that can be done.
 18 Like, you know -- it just appears to me that, you
 19 know, if we tried to get something going, you're
 20 good to say it's good for the national defense, so
 21 what was the word, you know -- we'll just do it.
 22 And I see that as a very serious problem
 23 with me because the government, you know, has never
 24 been favorable to many of the decisions that the
 25 tribes need. And here we're doing the same thing.

1 I'm just appalled that out of the
 2 \$145 million allocated to this program, that there
 3 was no money allocated to the Indian tribes to come
 4 and consult with you guys at this time, you know.
 5 And I think it's good that you have all
 6 these laws and acts in place, but it doesn't mean
 7 hogwash until we get people that are interested in
 8 making sure this happens and they do it correctly.
 9 And, see, we run into that problem with
 10 this thing here. It's not thick enough, the way I
 11 feel it, you know. It needs to have more
 12 information tied into this agreement.
 13 But we do -- and we are busy with many of
 14 these projects. And I have to apologize, you know,
 15 to the gentleman down here about the 40-day time
 16 limit. We just -- it's hard for us to get together
 17 to do those kind of things, you know. We're
 18 fighting nuclear transportation in Nevada. We're
 19 fighting Nellis. We're fighting the Hoover Dam
 20 bypass. All of these take our time.
 21 And with a small tribe like ours, when we
 22 lose someone, like what you talked about the
 23 Southern Paiutes, when we lose someone, we all go.
 24 In fact, I'm probably -- I can feel people hitting
 25 me in the back because I didn't go to this one. And

1 I thought this was more important. So that's why
 2 I'm here.
 3 And like there was a death on the Mojave.
 4 We're all related, you know. Like was said
 5 yesterday, you know, we're all part of that tribe,
 6 Paiutes, Southern Paiutes, Chemehuevis -- we're all
 7 related in our own way.
 8 So I think it's a good start. But not
 9 knowing the impact it would have, you know, because
 10 we're up there and you're down here, it's hard for
 11 us to get on our, you know, racing horse to come
 12 down here and try to stop everyone because we have
 13 other, you know, sticks in the fire. And so that's
 14 what we're working on.
 15 What I would like to see, like what the
 16 gentleman said here, is an update or even appointing
 17 one person. You know, the letter I got said call
 18 this person, that person, so I'm calling around,
 19 trying to figure out who in the hell is in charge of
 20 this program down here. And I get five different
 21 people, you know.
 22 And we need to get someone from your
 23 office, like the lady spoke down here about an
 24 Indian liaison. Let's change the title if we have
 25 to, you know, so we know who that person is, who to

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1 contact so we can have a better understanding, a
2 clear communication.

3 You know, hell, I can't even call out here
4 myself. It's like we're out in the middle of
5 nowhere. That's where we need to get where
6 civilization begins.

7 So that would be my first thing, is either
8 get a cell tower here where I can zero in here
9 because I know they're trying to get ahold of me.

10 So that's all I wanted to say. And I'm
11 glad I came. The food was delicious.

12 But I would like to see something -- I
13 don't think it was mentioned. I know there was some
14 discussion about the payments, you know. That
15 should be one of the first things that should be --

16 TAD BRITT: I think that's been duly noted,
17 and we're going to check into that.

18 PHIL SWAIN: In fact, we'll make it
19 effective today. So tomorrow we'll get our checks
20 for 150. Mine -- I consider my time as valuable as
21 much as my tribal attorney, so I want \$500 for mine.

22 TAD BRITT: I don't think anybody is in
23 disagreement with that.

24 PHIL SWAIN: So I'll send you a bill for
25 that amount.

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1 TAD BRITT: Send it to Muhammad.

2 Mr. Swain, I appreciate you sharing your
3 perspective with us. You made some good points.
4 We'll certainly look at those.

5 I would encourage you to share that
6 document with your attorney. It has -- it's not the
7 first place it's been applied, the NAGPRA SOPs.
8 They are -- this is the model for NAGPRA SOPs. I'm
9 not saying it's perfect. There's certainly room for
10 improvement, but any kind of input, constructive or
11 otherwise, comments you may have, we'd like to have
12 them.

13 And, again, I want to thank all of y'all
14 for participating. We appreciate you coming up
15 here.

16 The Timbi-sha, we need to get together
17 before you leave today and get your travel vouchers
18 taken care of.

19 The four of y'all are going to go on our
20 trip tomorrow, right?

21 PHIL SWAIN: I am. I'm going to ride in
22 that armored carrier.

23 TAD BRITT: You may get your tank rides
24 yet, sir.

25 If that's it, then, again, thanks for

1 coming.

2 Just for your own benefit tonight, in your
3 motel room there's a list of restaurants. Reggie's
4 is right here. That's probably the -- there's a
5 Popeye's and Taco Bell right behind the Landmark
6 Hotel. There is a Thai, Mexican and Korean
7 restaurant on base. There's The Outer Limits. All
8 of these are probably driving distance. Reggie's is
9 right here.

10 With that, we'll conclude for the day, and
11 then we'll meet at the Landmark Inn at the lobby
12 tomorrow morning at 8:30 sharp. And we'll caravan
13 over to the curation facility and begin our tour.

14 Did you have a question, Mr. Swain?

15 PHIL SWAIN: No.

16 TAD BRITT: Okay. Thank y'all.

17 (Whereupon, the above Native American
18 Consultation Meeting was concluded.)

1 STATE OF CALIFORNIA)
2 COUNTY OF LOS ANGELES) ss.

3
4 I, REAGAN EVANS, RMR, CRR, CSR No. 8176, in and
5 for the State of California, do hereby certify:

6 That said proceedings was taken down by me in
7 shorthand at the time and place therein named, and
8 thereafter reduced to typewriting under my
9 direction, and the same is a true, correct and
10 complete transcript of said proceedings;

11 I further certify that I am not interested in
12 the event of the action.

13 Witness my hand this 1st day of October, 2002.

14
15 REAGAN EVANS, RMR, CRR
16 CSR NO. 8176
17 Certified Shorthand
18 Reporter for the
19 State of California
20
21
22
23
24
25

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FORT IRWIN MEETING

CondensIt™

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REPORT DOCUMENTATION PAGE				Form Approved OMB No. 0704-0188	
Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing this collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0704-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. PLEASE DO NOT RETURN YOUR FORM TO THE ABOVE ADDRESS.					
1. REPORT DATE (DD-MM-YYYY) 04-2003		2. REPORT TYPE Draft		3. DATES COVERED (From - To)	
4. TITLE AND SUBTITLE National Training Center-Fort Irwin, California: Tribal Consultations Held on 3-5 September 2002				5a. CONTRACT NUMBER	
				5b. GRANT NUMBER	
				5c. PROGRAM ELEMENT NUMBER	
6. AUTHOR(S) Tad Britt and Susan E. Perlman				5d. PROJECT NUMBER MIPR	
				5e. TASK NUMBER 1R00935056	
				5f. WORK UNIT NUMBER 2GCERL0019	
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) U.S. Army Engineer Research and Development Center (ERDC) Construction Engineering Research Laboratory (CERL) PO Box 9005 Champaign, IL 61826-9005				8. PERFORMING ORGANIZATION REPORT NUMBER ERDC/CERL SR-03-2	
9. SPONSORING / MONITORING AGENCY NAME(S) AND ADDRESS(ES) Commander, Fort Irwin Natural and Cultural Resources Office ATTN: AFZJ-PW-EV Building 385 Fort Irwin , CA 92310-5097				10. SPONSOR/MONITOR'S ACRONYM(S)	
				11. SPONSOR/MONITOR'S REPORT NUMBER(S)	
12. DISTRIBUTION / AVAILABILITY STATEMENT Approved for public release; distribution is unlimited.					
13. SUPPLEMENTARY NOTES Copies are available from the National Technical Information Service, 5285 Port Royal Road, Springfield, VA 22161.					
14. ABSTRACT From July to October 2002, the Engineer Research and Development Center-Construction Engineering Research Laboratory provided the National Training Center-Fort Irwin, California, with resources to organize, facilitate, and moderate a consultation meeting between the installation and the federally recognized Native American tribes in a nation-to-nation level meeting. The purpose of the consultation was to establish an open and constructive dialogue between the U.S. Army and those Native American tribes who have cultural resource interests at NTC-Fort Irwin. The meeting was held to discuss the military mission of NTC-Fort Irwin and to identify and address potential tribal issues with respect to the installation and its Area of Potential Effect (APE). Fifteen tribes were invited. Presentations included standard operating procedures for inadvertent discovery, a forthcoming supplemental Environmental Impact Statement regarding expansion, available cultural resources tools (Archeological Predictive Model and Automated Tool for Monitoring Archeological Sites), and the ethnohistoric and ethnographic cultural affiliation study of the mid-Mojave region. A transcript of the consultation meeting is included.					
15. SUBJECT TERMS National Training Center Fort Irwin, CA Native American cultural resource management historic archeology meetings military facilities					
16. SECURITY CLASSIFICATION OF:			17. LIMITATION OF ABSTRACT	18. NUMBER OF PAGES	19a. NAME OF RESPONSIBLE PERSON Tad Britt
a. REPORT Unclassified	b. ABSTRACT Unclassified	c. THIS PAGE Unclassified			19b. TELEPHONE NUMBER (in- clude area code) (217) 352-6511 ext 7550